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INTEGRATED INFORMATION SUPPORT SYSTEM (IISS)
Volume V - Common Data Model Subsystem
Part 6 - Neutral Data Definition Language (NDDL) Product
Specification
Section 3 of 6

J. Althoff, M. Apicella, S. Singh

Control Data Corporation
Integration Technology Services
2970 Presidential Drive
Fairborn, OH 45324-6209

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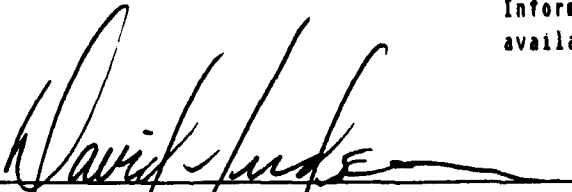Final Report for Period 1 April 1987 - 31 December 1990

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_____
DAVID L. JUDSON, Project Manager
WRDC/MTI
Wright-Patterson AFB, OH 45433-6533

25 July 91
DATE

FOR THE COMMANDER:

_____
BRUCE A. RASMUSSEN, Chief
WRDC/MTI
Wright-Patterson AFB, OH 45433-6533

25 July 91
DATE

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13. ABSTRACT

This specification establishes the development, test and qualification requirements of a computer program identified as the "Neutral Data Definition Language Processor" (NDDL Processor).

This report is divided into six (6) sections.

14. SUBJECT TERMS		15. NUMBER OF PAGES 1881
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17. SECURITY CLASSIFICATION OF REPORT SAR	18. SECURITY CLASS OF THIS PAGE. SAR	19. SECURITY CLASS OF ABSTRACT SAR	20. LIMITATION ABSTRACT SAR

DOCGROUP PS41100 Module Documentation

NAME: DELDBMS
PURPOSE: PRODUCES NDML STATEMENT TO DELETE DBMS DEFINITION
        FROM THE DBMS TABL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDBMS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- PRODUCES A DELETE NDML STATEMENT TO
DELETE A DBMS DEFINITION FROM THE
DBMS TABLE.

ARGUMENTS:

DBMS-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDBRT
PURPOSE: DELETE ALL RECORD TYPE ASSOCIATIONS WITH THE DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDBRT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

                THIS ROUTINE WAS DESIGNED FOR USE WITH
                        DRPDB   (DROP DATA BASE)

THIS ROUTINE VERIFIES THE EXISTANCE OF A RECORD TYPE,
        SELECT A RECORD TYPE ONE AT A TIME IN THE NDML LOOP,
        DELETES THE RECORD TYPE, DELETES THE TEXTUAL DESCRIPTION,
        AND ADDS THE REUSABLE NUMBER BACK IN THE CDM.
        IT HAS ONE INPUT PARAMETER (DB-ID) AND ONE
        OUTPUT PARAMETER FOUND-STATUS (0 GOOD AND -1
        AN ERROR HAS OCCURRED. ALL ERRORS ARE COVERED
        BY ERROR STATEMENTS IN THE ROUTINE.
        DO NOT DELETE RECORDS IF THE RECORD
        IS HORIZONTALLY PARTITIONED

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
FOUND-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

VERHORZ
UERROR
DELRTY2
ADDRNUM
DELTEXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDBST
PURPOSE: DELETE ALL RECORD SETS' ASSOCIATIONS WITH THE
         DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDBST
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

            THIS ROUTINE WAS DESIGNED FOR USE WITH
                        DRPDB   (DROP DATA BASE)

THIS ROUTINE VERIFIES THE EXISTANCE OF A SET,
        SELECT A SET ONE AT A TIME IN THE NDML LOOP,
        DELETES THE SET, DELETES THE TEXTUAL DESCRIPTION,
        AND ADDS THE REUSABLE NUMBER BACK IN THE CDM.
        IT HAS ONE INPUT PARAMETER (DB-ID) AND ONE
        OUTPUT PARAMETER FOUND-STATUS (0 GOOD AND -1
        AN ERROR HAS OCCURRED. ALL ERRORS ARE COVERED
        BY ERROR STATEMENTS IN THE ROUTINE.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
FOUND-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

VERRSUS
UERROR
DELRST2
ADDRNUM
DELTEXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDIV
PURPOSE: DELETE FROM DATA-ITEM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDIV
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETE FROM DATA-ITEM.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDOM
PURPOSE: DELETE A DOMAIN_CLASS OCCURRENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDOM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES A RECORD FROM DOMAIN_CLASS
FOR A SPECIFIC DOMAIN NUMBER.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDSCT
PURPOSE: DELETE DESCRIPTION TYPE FROM CDM IF NO USAGE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDSCT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

YPE FROM CDM IF NO USAGE

DESCRIPTION :- DELETES DESCRIPTION TYPE FROM CDM IF
NO OTHER USAGE EXISTS.
YPE
YPE A
WHERE A.DESC_TYPE = :DESC-TYPE;

ARGUMENTS:

DESC-TYPE   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDT
PURPOSE: DELETE USER_DEF_DATA_TYPE GIVEN THE DATA TYPE NAME
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES A RECORD FROM USER_DEF_DATA_TYPE
FOR A SPECIFIC DATA TYPE NAME.

ARGUMENTS:

DATA-TYPE-NAME   DSPLY[X(30)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

3-606

DOCGROUP PS41100 Module Documentation

NAME: DELDTD
PURPOSE: DELETE USER_DEF_DATA_TYPE FOR A GIVEN DOMAIN NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDTD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES A RECORD FROM USER_DEF_DATA_TYPE
FOR A SPECIFIC DOMAIN NUMBER.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELDTNO
PURPOSE: DELETE ALL DATA TYPES ASSOCIATED WITH A DOMAIN
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELDTNO
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE WILL RETRIVE ALL USER_DEF_DATA_TYPE
NUMBERS (USDF_DT_NO) ASSOCIATED WITH A GIVEN DOMAIN
NUMBER AND DELETE ALL TEXTUAL DESCRIPTIONS
ASSOCIATED WITH THE DATA TYPE AND ADD THE
USDF_DT_NO BACK INTO THE CDM.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

UNIQENO
SRVRET
ERRPRO

ROUTINES CALLED:

ADDRNUM
DELTEXT
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELECON
PURPOSE: DELETE ENTITY CONSTRAINTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELECON
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE DELETES ENTITY CONSTRAINTS FROM
EC_CONSTRAINT

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELECRF
PURPOSE: DELETE FROM VIEW_EC_XREF GIVEN VIEW_NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELECRF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine deletes records from
VIEW_EC_XREF given a view number.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELFLDS
PURPOSE: DROP DATAFIELDS FROM THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELFLDS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

DROP THE FIELDS LISTED IN THE DF-TABLE.
ALSO, DELETE THE DESCRIPTION TEXT, AND
FINALLY ADD THE DF-NO TO THE REUSABLE NUMBER POOL.
ND ADD THE DF-NO
            TO THE REUSABLE POOL.

ARGUMENTS:

DFT-TABLE   RECRD
DBMS-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

UNIQENO
DFTBL
ERRPRO

ROUTINES CALLED:

VERDFUS
UERROR
VERDSL3
DELDSL3
DELSTM3
DELRST3
DELTEXT
ADDRNUM
DELDFL3
VERRCBS
FNDASA
VERMPDF
VERDFPA
VERMUNI
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELHPN
PURPOSE: DELETE A HORIZONTAL_PART OCCURENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELHPN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES A RECORD FROM THE HORIZONTAL_PART TABLE
FOR A GIVEN ENTITY, PARTITION AND
RECORD TYPE NUMBER.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RT-NO   DSPLY[S9(9)]
HP-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELHPNA
PURPOSE: DELETE ALL PATITION RECORDS FOR AN ENTITY CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELHPNA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES ALL RECORDS FROM THE HORIZONTAL_PART TABLE
FOR A GIVEN ENTITY AND PARTITION NUMBER.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
HP-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELHST
PURPOSE: PRODUCES NDML STATEMENT TO DELETE A HOST DEFINITION
         FROM HOST TABLE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELHST
SOURCE FILE TYPE: C
HOST:
SUBSYSTEM: NTM
SUBDIRECTORY: MONITOR

DESCRIPTION:

- PRODUCES A DELETE NDML STATEMENT TO
DELETE A HOST DEFINITION FROM THE
HOST TABLE.

ARGUMENTS:

HOST-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELMDKC
PURPOSE: DELETE ALL KEY CLASSES AND INHERITED KEYS FOR AN
        ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELMDKC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DELETES THE KEY CLASSES, KEY CLASS MEMBERS,
COMPLETE RELATIONS AND CROSS REFERENCES FOR A GIVEN ENTITY
CLASS.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
ERROR-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

DELKCM
DELCMPR
DELIAUK
DELKC
ADDRNUM
SELECNM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELMDRC
PURPOSE: DELETE ALL RELATION CLASSES FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELMDRC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DELETES THE RELATION CLASS FOR A GIVEN ENTITY.
MODIFIED 5/11/89: TO HANDLE BOTH LINK AND CATEGORY RELATIONS

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
ERROR-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

DELRC
DELLR
DELRCKW
DELTEXT
ADDRNUM
DELCR
DELCM
SELECNM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELMTAG
PURPOSE: DELETE MAPPING FOR ONE TAG
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELMTAG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- ?
This routine will delete auc to field and set
mappings for one tag.

-

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
AISM-MAP-TYPE   DSPLY[X(10)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

UERROR
DELPDF
DELASM
DELAISM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELOAC
PURPOSE: DELETE ALL OWNED AND INHERITED ATTRIBUTES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELOAC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE SEARCHES FOR ALL ATTRIBUTE USE
CLASSES WHERE THE TAG NUMBER MATCHES THE
INPUT PARAMETER. EACH OCCURRENE IS DELETED
(DELAUC) AND THE OWNED ATTRIBUTE CLASS IS
DELETED (DELOWAC).

ARGUMENTS:

AC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DELCRP1
UERROR
DELAUC
DELOWAC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELPARM
PURPOSE: DELETE ALL PARAMETERS FROM MODULE_PARAMETER FOR A
         GIVEN MODULE NAME
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELPARM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETE ALL OCCURRENCES FROM MODULE_
PARAMETER TABLE FOR A GIVEN MODULE NAME (MOD_ID)

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELPDF
PURPOSE: PROGRAM NAME   DELPDF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELPDF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES ALL DATA FIELD MAPPINGS FROM THE
CDM FOR A GIVEN TAG NUMBER.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation .

NAME: DELPDI
PURPOSE: DELETES FROM PROJECT DATA ITEM.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELPDI
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine wil delete records from
PROJECT-DATA-ITEM given the view number.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELPSB
PURPOSE: NDML STATEMENT TO DELETE A PSB NAME FROM PSB TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELPSB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- PRODUCES A DELETE NDML STATEMENT TO
DELETE A PSB NAME FROM THE PSB TABLE

ARGUMENTS:

PSB-NAME   DSPLY[X(8)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELQCRF
PURPOSE: DELETE FROM VIEW_QUALIFY_CRITERIA GIVEN VIEW_NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELQCRF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine will delete qualification
criteria text as part of 'where' clause in NDDL
'CREATE VIEW' command.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELQCTG
PURPOSE: DELETE FROM VIEW_QUAL_XREF GIVEN VIEW_NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELQCTG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine deletes records from
VIEW_QUAL_XREF given a view number.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELROJ
PURPOSE: NDML COMMAND TO DROP A RECORD OUTER JOIN MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELROJ
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELROJE
PURPOSE: NDML COMMAND TO DROP A RECORD OUTER JOIN MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELROJE
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELSMOD
PURPOSE: DELETE SOFTWARE MODULE OCCURRENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELSMOD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETE OCCURRENCE FROM SOFTWARE_
MODULE TABLE FOR A GIVEN MODULE NAME (MOD_ID)

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELUNIN
PURPOSE: DELETE RECORD UNION FOR A GIVEN ENTITY AND RECORD
         TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELUNIN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETE RECORD UNION ON ECRTUD TABLE
FOR A GIVEN ENTITY NUMBER (EC_NO) AND
RECORD TYPE NUMBER (RT_NO)

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DELVIEW
PURPOSE: DELETE RECORD CLASS FROM USER_VIEW
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DELVIEW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Delete record class form USER_VIEW.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPEC
PURPOSE: RETREIVE ALL SUB-ENTITIES OF A STRUCTURE INTO A TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPEC
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 This routine assumes the DEP-EC-TABLE has
        been initialized. Selects all the entities in the
        structure(down) of a given entity then load each of
        those entities into the DEP-EC-LIST.
- REPLACE ORACLE STRUCTURED TREE QUERY WITH
ITERATIVE FETCH PROCESS. ALTHOUGH FOR THE GE REHOST
TO INGRES, IT MAKES THE ROUTINE SQL-STANDARD.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
DEP-EC-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
EOD
DEPECL
ERRPRO

ROUTINES CALLED:

UERROR
SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTOC
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLCLS
SQLAD1
SQLFCH
LDECLST
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPENTD
PURPOSE: DRIVER GENERATE CREATE ENTITY COMMANDS FOR DEP-EC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPENTD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

FROM-MOD-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[X]
ALIAS-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
ATTR-FLAG   DSPLY[X]
DEPENT-FLAG   DSPLY[X]
NKEY-FLAG   DSPLY[X]
TO-MODEL-NO   DSPLY[S9(9)]
FROM-MODEL-NO   DSPLY[S9(9)]
RC-DEPKC-LIST

INCLUDE FILES:

ERRCDM
RCDEPKC
DEPECL
ERRPRO

ROUTINES CALLED:

DEPENT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPFROM
PURPOSE: GENERATE CREATE RELATION,DESCRIBE COMMANDS IN THE
          TO-MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPFROM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE SELECTS ALL THE RELATIONS IN WHICH THE
FROM-ENTITY IS THE DEPENDENT ENTITY. IF THE SAME ENTITY
EXISTS IN THE TO-MODEL BUT NOT THE RELATION, THEN A CREATE
RELATION AND DESCRIBE COMMANDS ARE GENERATED FOR THE
FROM-RELATION.
MODIFIED 5/2/89: TO HANDLE NEW RELATION_CLASS DEFINITION AND
LINK_RELATION

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NO   DSPLY[S9(9)]
FROM-EC-NAME   DSPLY[X(30)]
TO-EC-NAME   DSPLY[X(30)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]
KW-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
COMBINE-TYPE   DSPLY[9]
RCNO-LIST   RECRD

INCLUDE FILES:

SRVRET
RELTBL
ERRPRO

ROUTINES CALLED:

SELECNM
VERLR
VERENT
VERRCNM
GENRNME
BLKCL1
MIGREL
CMBRKW
ADDPARM
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPKCM
PURPOSE: SELECT RELATIONS WHERE TARGET ENTITY IS DEPENDENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPKCM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select all the relations in which the target
entity entity is dependent and builds the key class for
independent entity selected by calling BLKCL1.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

BLKCL1
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPKCM1
PURPOSE: SELECT CATEGORY RELATIONS WHERE TARGET ENTITY IS
         DEPENDENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPKCM1
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select all the category relations in which the target
entity entity is dependent and builds the key class for
independent entity selected by calling BLKCL1.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

BLKCL1
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPREL
PURPOSE: DEPREL: FOR EACH LEVEL OF RELATIONS IN FROM-MODEL
          GENERATE
LANGUAGE: VAX-11 COBOL
SOURCE FlLE: DEPREL
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
DEPENT-FLAG   DSPLY[9]
MIGRATES-FLAG   DSPLY[9]
TO-EC-NAME   DSPLY[X(30)]
HOLD-RC-INDEX   DSPLY[9999]

INCLUDE FILES:

ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLAD1
SQLFCH
UERROR
FNDRCEC
SELECNM
GENREL1
GENDESC
ALLKEY
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPREL1
PURPOSE: DEPREL1:   FOR EACH LEVEL OF RELATIONS IN FROM-MODEL
          GENERATE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPREL1
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
DEPENT-FLAG   DSPLY[9]
MIGRATES-FLAG   DSPLY[9]
TO-EC-NAME   DSPLY[X(30)]
HOLD-RC-INDEX   DSPLY[9999]

INCLUDE FILES:

ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLAD1
SQLFCH
UERROR
SELECNM
SELACNM
GENCNM1
ADDPARM
COPCKW
GENDESC
FNDRCEC
ALLKEY
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DEPRELA
PURPOSE: DEPRELA: DRIVER MODULE FOR EACH LEVEL OF RELATIONS IN
         FROM-MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DEPRELA
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
DEPENT-FLAG   DSPLY[9]
MIGRATES-FLAG   DSPLY[9]
TO-EC-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

ADDPARM
DEPREL1
DEPREL
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DLMDAUC
PURPOSE: DELETE ATTRIBUTE USE CLASSES ASSOCIATED WITH ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DLMDAUC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DELETES THE ATTRIBUTE USE CLASSES FOR A GIVEN
ENTITY.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
ERROR-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

DELAUC
SELECNM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DOMUSAG
PURPOSE: DETERMINE IF DOMAIN ASSOCIATED WITH
        VIEWS,DATAFIELDS,ATTRIBUTES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DOMUSAG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DETERMINE IF A DOMAIN BEING DROPPED IS CURRENTLY
BEING ASSOCIATED WITH ANY DATA FIELDS
VIEWS OR ATTRIBUTE CLASSES.

   SELECT THE DATA TYPE NAME, QUALIFYING ON
THE DOMAIN NUMBER WHICH IS THE UNIQUE
NUMBER ASSIGNED TO THE DOMAIN CLASS BEING
DROPPED.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

VERDFDT
VERDIDT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPAC
PURPOSE: DELETE OWNED ATTRIBUTES ASSOCIATED WITH ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPAC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DRPAC CONTROLS THE PROCESSING LOGIC FOR THE DROP
OWNED ATTRIBUTE CLAUSE IN THE ALTER ENTITY
COMMAND. THE CLAUSE IS OPTIONAL. WHEN
SPECIFIED, MAY BE A LIST OF ATTRIBUTE NAMES.

   PROCESSING CONTINUES, REGARDLESS OF
ERRORS, UNTIL THE LIST OF ATTRIBUTE
NAMES IS EXHAUSTED.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
SRVRET
ERRPRO

ROUTINES CALLED:

CPFONE
VERATT
UERROR
DELOAC
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPALG
PURPOSE: DELETE A COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPALG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
DELETE ALL REFERENCES OF A SOFTWARE MODULE
DEFINED AS A COMPLEX MAPPING ALGORITHM.

    EXTRACT FROM THE PARSER LISTS THE MODULE TO BE
    DROPPED , THE MODULE INSTANCE, PREFERENCE #,
AND WHETHER THE MODULE WAS SPECIFIED
    FOR USE ON NDML RETRIEVAL OR UPDATE REQUESTS.
    VERIFY THAT THE MODULE IS USED AS AN ALG.
    THEN, DELETE THE ALGORITHM , AND DELETE
    THE MAPPING IN THE CASE OF A CS-IS
    COMPLEX MAPPING ALGORITHM.

INCLUDE FILES:

LISTNOS
ERRCDM
TAGTBL
ERRPRO

ROUTINES CALLED:

CPFONE
LOWUPP
CONVCPF
UERROR
VERALG
CMPTAGS
DELCMP
DLMTMAP
DLDITAG
DLTPRFA
DRPECRT
ECRTALL
DRPRULE
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPALI
PURPOSE: DROP THE ALIAS FOR AN ENTITY OR ATTRIBUTE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPALI
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

    DROP ALIAS WILL DROP THE ALIAS FOR AN ENTITY
OR ATTRIBUTE.

   OBTAIN OBJECT ID, OBJECT TYPE AND ALIAS
ID, VERIFY IF THE ALIAS TO BE DROPPED IS
AN ENTITY OR ATTRIBUTE, THEN CALL
ROUTINES TO DELETE THE ALIASES. CONTINUE
PROCESSING TILL NO MORE RECORDS TO BE
DELETED

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE
LOWUPP
VERENT
UERROR
VERATT
GETECAL
GETACAL

DOCGROUP PS41100 Module Documentation

NAME: DRPALTG
PURPOSE: SELECT ALL TAGS MAPPED FOR AN ENTITY AND PREFERENCE
         TO BE DROPPED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPALTG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select all tags belonging to an entity that
have been mapped (auc_is_mapping) for a given
preference. For each one call drp1tag to delete
the mapping for the tag.

MODIFCATION HISTORY: 6/10/87
MODIFIED TO DELETE ALL ENTITY TO RECORD MAPPINGS
AND THE DISTRIBUTED RULES FOR THE ENTITY OF THE
MAPPED TAGS DELETED.
11/23/87   ADDED CHECK TO NDML-COUNT AND PUT OUT WARNING IF
NO TAGS WERE FOUND TO DROP.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

DELMTAG
DRPECRT
ECRTALL
DRPRULE
UERROR
UWARN
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPARMS
PURPOSE: VERIFY AND DELETE MODULE PARAMETERS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPARMS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- VERIFY THAT THE PARAMETERS EXIST FOR MOD-ID
THEN DELETE THEM

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
LISTNOS

ROUTINES CALLED:

VERAPRM
UERROR
DELAPRM
CPFNXT

DOCGROUP PS41100 Module Documentation

NAME: DRPATT
PURPOSE: CONTROLS THE DROPPING OF USER SPECIFIED ATTRIBUTE
         CLASSES FROM THE C
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPATT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THE DROP ATTRIBUTE CLASS COMMAND PROCESSOR
CONTROLS THE DROPPING OF USER SPECIFIED
ATTRIBUTE CLASSES FROM THE CDM.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

UNIQENO
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
DELMTKC
VERATT
DELOAC
DELAC
DELACNM
DELACKW
DELTEXT
ADDRNUM
UERROR
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPCAT
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR THE "DROP CATEGORY"
          COMMAND.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPCAT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  DRPCAT CONTROLS THE PROCESSING LOGIC FOR THE
"DROP CATEGORY" COMMAND.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
RTN-STATUS   DSPLY[X(5)]

INCLUDE FILES:

LISTNOS
UNIQENO

ROUTINES CALLED:

CPFONE
CPFNXT
VERENT
UERROR
VERCR
VERRCB
VERROJ
VERRCC
UWARN
DRPMGRC
DELCPRC
DELCM
DELCR
DELRC
DELRCKW
DELTEXT
ADDRNUM
DELMTKC

DOCGROUP PS41100 Module Documentation

NAME: DRPCRE
PURPOSE: DROP A CATEGORY RELATION FOR AN ENTITY BEING DROPPED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPCRE
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DRPCRE WILL DROP A CATEGORY RELATION BASED ON AN
ENTITY CLASS NUMBER THAT IS TO BE DELETED.

        ADDITIONALLY THIS ROUTINE WILL DELETE ALL TEXTUAL
        DESCRITPTIONS ASSOCIATED WITH THE RELATION AND
        ADD THE RELATION-CLASS NUMBER BACK INTO THE CDM'
        FOR REUSE.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

VERRCB
UERROR
DELCRIP
DELCM
DELCR
DELRC
ADDRNUM
DELTEXT
DELRCKW
DELCM1
SELCATM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPCRE1
PURPOSE: DROP A CATEGORY RELATION FOR AN ENTITY BEING DROPPED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPCRE1
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DRPCRE1 WILL DROP A CATEGORY RELATION BASED ON AN
ENTITY CLASS NUMBER THAT IS TO BE DELETED.

         ADDITIONALLY THIS ROUTINE WILL DELETE ALL TEXTUAL
         DESCRITPTIONS ASSOCIATED WITH THE RELATION AND
         ADD THE RELATION-CLASS NUMBER BACK INTO THE CDM'
         FOR REUSE.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

VERRCB
UERROR
VERRCC
DRPMGRC
DELCPRC
DELCM
DELCR
DELRC
ADDRNUM
DELTEXT
DELRCKW
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPDB
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR DELETING THE DATA
    BASE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDB
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC FOR DELETING THE
DATA BASE FROM THE SYSTEM AND ALL ENTITIES ASSOCIATED WITH
THE DATA BASE. DB FROM SCHEMA-NAMES, DB FROM RECORD-TYPES,
DB FROM DB-AREA-ASSIGNMENT, DB FROM DATA-FIELD, DB FROM
RECORD-SET, DB FROM RECORD SET-TYPE-MEMBERS, DB FROM
DATA-BASE-AREA, DB FROM DF-SET-LINKAGE.
ADDITIONALY ALL TEXTUAL DESCRIPTIONS ARE DELETED FOR THE
DATA BASE AND ASSOCIATED OBJECTS: SET, RECORDS, AND DATA FIELDS
EACH OBJECT BEING DELETED WILL HAVE THEIR UNIQUE OBJECT
NUMBERS RETRUNED TO THE CDM FOR REUSE.
THE IS-CS MAPPINGS ARE NOT DELETED. IF ANY INTERNAL
OBJECTS ARE MAPPED THE DATA BASE IS NOT DROPPED.
AFTER EXTRACTING THE DBMS NAME, DATA BASE NAME AND HOST
NAME FROM THE PARSER LISTS, VERIFY THAT THE DATA BASE
INFORMATION IS CORRECT, AND THEN DELETE THE DATA BASE FROM
THE ASSOCIATED ENTITIES.
ASSOCIATED WITH THE SETS, AND
        ADD THE SET-NO BACK TO THE CDM FOR REUSE.
        DELDBST IS A PRC (NDML) ROUTINE.

INCLUDE FILES:

LISTNOS
UNIQENO
ERRPRO

ROUTINES CALLED:

CPFONE
LOWUPP
VERDBAS
UERROR
VERAIMD
VERERMD
VERDBRL
VERDUNI
VERRPS
DELDBS1
DELPSWD
DELSN1
DELDBRT
DELDAA1
DELDBDF

```
DELDBST
DELSTM1
DELDBA1
DELDSL1
DELPCB
DELTEXT
ADDRNUM
ERRPRO
```

DOCGROUP PS41100 Module Documentation

NAME: DRPDBMS
PURPOSE: DROPS DBMS_NAME,DBMS_MODEL FROM DBMS TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDBMS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SETS UP AND CALLS DELDBMS TO DELETE
THE DBMS_NAME AND DB_MODEL FROM THE DBMS
TABLE. FIRST IT CALLS VERDBMS TO SEE
IF DBMS IS ON TABLE. IF SO IT CALLS
DELDBMS TO DELETE IT.

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERDBMS
UERROR
DELDBMS
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPDFMP
PURPOSE: DELETES FROM PROJECT_DATA_FIELD FOR A TAG AND
       PREFERENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDFMP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WAS UPDATED 6/10/87 TO DELETE
FROM PROJECT_DATA_FIELD FOR A GIVEN TAG AND
PREFERENCE NUMBER AND WHERE THE KEY OF
AUC_IS_MAPPING MATCHES THE CORRESPONDING
ATTRIBUTES IN PROJECT_DATA_FIELD.
8/4/87 - RICHARD E. STEWART - MODIFIED TO ADD CALLS CHECKING
FOR PRECOMPILED MODULES EXISTING AGAINST
DATA BASES.
2/5/88 - RICHARD E. STEWART - REMOVED PREVIOUS MODIFICATION.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
USAGE-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SELDBNM
DEL1PDF
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPDIV
PURPOSE: DELETE DATA ITEM DESCRIPTION TEXTS ASSOCIATED WITH
         VIEW
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDIV
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

EXTS ASSOCIATED WITH VIEW

DESCRIPTION :-
This routine will given a view number select all
data items associated with the view, delete all
textula descriptions of the data items and
send the cdm the deleted data item numbers for
reuse.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

SRVRET
ERRCDM
UNIQENO
ERRPRO

ROUTINES CALLED:

VERDIPA
UERROR
DELTEXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPDOM
PURPOSE: DELETE THE DOMAIN FROM THE CDM DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDOM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   THE DROP DOMAIN COMMAND OBTAINS THE DOMAINS TO BE
            DROPPED, AND DELETES THE DOMAIN CLASS AND ALL
            ASSOCIATED DATA TYPES.

MODIFIED 8/10/89 THE CODE THAT SUPPORTED THE VERIFICATION
MODULE WAS REMOVED.
   OBTAIN DOMAIN NAMES FROM PARSER AND
            VERIFY THA THE DOMAIN TO BE DELETED DOES
            EXIST. THEN CHECK THE DOMAIN USAGE, IF
            NOT BEING USED BY OTHERS, DELETE THE DATA
            TYPES AND THE DOMAIN. CONTINUE
            PROCESSING TILL NO MORE DOMAINS REMAIN TO
            BE DELETED.

INCLUDE FILES:

CHKCDM
LISTNOS
UNIQENO

ROUTINES CALLED:

CPFONE
VERDOM
UERROR
VERACDT
DOMUSAG
DRPVALA
DRPRNGA
DELDTNO
DELDTD
DELDOM
ADDRNUM
DELTEXT
CPFNXT

DOCGROUP PS41100 Module Documentation

NAME: DRPDSCT
PURPOSE: DROP DESCRIPTION TYPE IF NO USAGE EXISTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDSCT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

YPE IF NO USAGE EXISTS

DESCRIPTION : - DROP DESCRIPTION TYPE IF NO OTHER USAGE
EXISTS IN THE CDM. CALLS "VERDSCT" TO
VERIFY THAT DESCRIPTION TYPE EXISTS, THEN
CALL "DELDSCT" TO DELETE DESCRIPTION TYPE
-
YPES TO BE DELETED.
YPE TO UPPER CASE
YPE EXISTS ON THE CDM
YPE FROM CDM
YPE

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
LOWUPP
VERDSCT
UERROR
DELDSCT
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPDT
PURPOSE: DROP A DATA TYPE WITHIN A DOMAIN.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPDT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  THIS CLAUSE WILL DROP A DATA TYPE WITHIN A
DOMAIN AFTER VERIFYING THAT A DATA TYPE
DOES EXIST
  OBTAIN DATA-TYPE-NAMES FROM THE PARSER
LISTS, THEN VERIFY THAT THE DATA-TYPE-
NAME DOES EXIST IF IT DOES, MAKE SURE IT
IS NOT USED BY OTHERS, AND THEN DELETE IT

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DATA-TYPE-NAME   DSPLY[X(30)]

INCLUDE FILES:

UNIQENO

ROUTINES CALLED:

VERDTD
UERROR
DTUSAGE
VERMPDT
DELDT
RETDT
DELTEXT
ADDRNUM

DOCGROUP PS41100 Module Documentation

NAME: DRPECRT
PURPOSE: DELETES ALL ENTITY TO RECORD MAPPINGS FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPECRT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SELECTS ALL ENTITY TO RECORD MAPPINGS FROM
EC_RT_MAPPING FOR A GIVEN EC_NO. FOR
EACH ROW RETURNED DELETES THE ENTITY TO
RECORD MAPPING BY CALLING "DEL1ERT" WITH
THE GIVEN EC_NO AND THE RETRIEVED RT_NO.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

DELROJE
UERROR
DEL1ERT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPENT
PURPOSE: CONTROL THE PROCESSING LOGIC FOR DELETING ENTITIES.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPENT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  THE DROP ENTITY COMMAND PROCESSOR WILL CONTROL THE
THE PROCESSING LOGIC FOR DELETING ENTITIES AND
THEIR ASSOCIATED NAMES, KEYWORDS, DESCRIPTIONS,
OWNED ATTRIBUTE, ATTRIBUTE USE CLASSES AND
RELATION CLASSES

MODIFIED 5/2/89: TO HANDLE CATEGORY RELATIONS

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

UNIQENO
LISTNOS

ROUTINES CALLED:

CPFONE
DELMTKC
VERENT
UERROR
VERECR
SELHP
FNDOAC
FNDAUC
DELMDKC
DRPRCE
DRPCRE
DELECNM
DELECKW
DELECON
DELEC
ADDRNUM
DELTEXT
CPFNXT

DOCGROUP PS41100 Module Documentation

NAME: DRPFLD
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR DROPPING A DATA
          FIELD.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPFLD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC FOR DROPPING A
DATA FIELD FROM THE DATA BASE.
          THIS ROUTINE IS ALSO CALLED BY
          ALTER RECORD...DROP FIELD
          VERIFY THAT THE DATABASE, RECORD AND FIELDS TO
          BE DROPPED EXIST.
          DROP THE FIELD AND ALL OF ITS SUBCOMPONENTS.
          IF THE FIELD BEING DROPPED IS USED AS AN
          INDEX OR OCCURS DEPENDING BY ANOTHER FIELD,
          THE LATTERS INDEXED BY OR OCCURS DEPENDING
          IS SET TO NULL.
          IF THE FIELD BEING DROPPED IS INDEXED,
          DROP THE INDEXING FIELD TOO.
          IF THE FIELD BEING DROPPED IS REDEFINED BY
          ANOTHER FIELD, THE LATTER IS DROPPED ALONG
          WITH ITS SUBCOMPONENT FIELDS.
          DELETE ALL TEXTUAL DESCRIPTION OF EACH FIELD
          BEING DROPPED.

INCLUDE FILES:

ERRCDM
UNIQENO
LISTNOS
DFTBL
TDFTBL
ERRPRO

ROUTINES CALLED:

DELFLDS
CPFONE
UERROR
VERDBAS
RETRFLD
CPFNXT
SELFLDS
MODYFLD
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPHST
PURPOSE: DROPS HOST_ID, HOST_NO FROM HOST TABLE. RETURNS
         OBJECT NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPHST
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SETS UP AND CALLS DELHST TO DELETE
THE HOST_ID AND HOST_NO FROM THE HOST
TABLE. FIRST IT CALLS VERHST TO SEE
IF HOST IS ON TABLE. IF SO IT CALLS
DELHST TO DELETE IT AND THEN CALLS
ADDRNUM TO RETURN THE OBJECT NUMBER
(HOST-NO IN THIS CASE).

INCLUDE FILES:

ERRCDM
LISTNOS
UNIQENO
ERRPRO

ROUTINES CALLED:

CPFONE
VERHST
UERROR
DELHST
ADDRNUM
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPKC
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR THE "DROP KEY
         CLASS".
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPKC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

    CONTROLS THE PROCESSING LOGIC FOR THE "DROP KEY
CLASS" CLAUSE IN THE ALTER ENTITY COMMAND. THE
CLAUSE CONSISTS OF A LIST OF ONE OR MORE KEY
CLASS NAMES.
MODIFIED 6/21/89: TO NOT ALLOW DROPING OF PRIMARY KEY INVOLVED
IN
A CATEGORY RELATION

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
UNIQENO
ERRPRO

ROUTINES CALLED:

CPFONE
VERKC
UERROR
VERKCT1
CHKCAT
VERCRC
DRPMGKM
DELKCM
DELCMPR
DELKC
ADDRNUM
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPKW
PURPOSE: DROP A KEYWORD ASSOCIATION FROM EITHER AN
          ATTRIBUTE,ENTITY OR RELATI
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPKW
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  DROP KEYWORD CLAUSE WILL DROP A KEYWORD
ASSOCIATION FROM EITHER AN ATTRIBUTE, ENTITY
OR RELATION CLASS. THIS CLAUSE IS CALLED FROM
THE ALTER ENTITY, ATTRIBUTE AND RELATION COMMANDS

ARGUMENTS:

OBJ-TYPE   RECRD
OBJ-ID   DSPLY[S9(9)]
RTN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE
LOWUPP
VERKW
UERROR
DELKWAC
DELKWEC
DELKWRC
CPFNXT

DOCGROUP PS41100 Module Documentation

NAME: DRPKWC
PURPOSE: OBTAIN THE USED IDENTIFIED KEYWORD, THEN DROP THEIR
         ASSOCIATIONS.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPKWC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

     OBTAIN THE USED IDENTIFIED KEYWORD, THEN
DROP THEIR ASSOCIATIONS WITH ATTRIBUTE CLASS,
ENTITIES AND RELATIONS AND THEN DROP THE
KEYWORD.

     FOR EACH KEYWORD OBTAINED, VERIFY
THAT THE KEYWORD DOES EXIST, THEN
DELETE THE ITS ASSOCIATION WITH
ATTRIBUTES, ENTITIES, RELATION CLASS,
AND FINALLY THE KEYWORD ITSELF. THE
ADD THE KEYWORD NUMBER BACK TO THE
REUSABLE POOL OF KEYWORD NUMBERS.

INCLUDE FILES:

LISTNOS
UNIQENO

ROUTINES CALLED:

CPFONE
VERKW
UERROR
DELKWAC
DELKWEC
DELKWRC
DELKW
DELTEXT
ADDRNUM
CPFNXT

DOCGROUP PS41100 Module Documentation

NAME: DRPMAP
PURPOSE: DRIVER ROUTINE TO DROP MAPPINGS: PROGRAM NAME   DRPMAP
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPMAP
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DRPMAP IS THE COMMAND PROCESSOR FOR THE
DROP MAP COMMAND. AFTER VERIFYING THE MAP
NAME, SUBPROGRAMS ARE CALLED TO REMOVE THE
MAPPING PREFERENCE FROM THE CDM. IF USER
SPECIFIES PREFERENCE ONE, ALL MAPPINGS
WILL BE DROPPED.

MODIFIED 6/08/87: MODIFIED TO HANDLE REDUNDANT DATA PROBLEMS
4/28/89: TO HANDLE BOTH CATEGORY AND LINK RELATIONS
5/26/89: MODIFIED TO DELETE A ROJ MAPPING
-

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERENT
UERROR
CPFNXT
VERCR
CONVCPF
DRPALTG
VERLR
VERROJ
VERRCST
DELRCST
VERAUC
VERAISM
DRPPRF1
DRPSPRF
DELROJ
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPMGKM
PURPOSE: DELETE MIGRATED KEY CLASSES ASSOCIATED WITH A KEY
         CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPMGKM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   GIVEN A KEY CLASS, DELETE ALL ITS MIGRATING KEY
CLASS MEMBERS.

   EXECUTE AN NDML SELECT STATEMENT TO
RETRIEVE ALL THE KEY CLASS MEMBERS FOR
THIS KEY CLASS BY TAG NO. FOR EACH KEY
CLASS MEMBER RETRIEVED, DELETE THE KEY
CLASS MEMBER AND ITS MIGRATIONS; I.E.
ATTRIBUTE USE CLASS AND INHERITED
ATTRIBUTE USE CLASS.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DELMIGK
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPMGRC
PURPOSE: DELETE MIGRATED KEY CLASS MEMBERS ASSOCIATED WITH A
         KEY CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPMGRC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GIVEN A KEY CLASS AND A RELATION CLASS, DELETE
       ALL OF THE MIGRATING KEY CLASS MEMBERS THRU THIS
       RELATION CLASS.

   EXECUTE AN NDML SELECT STATEMENT TO
RETRIEVE ALL THE KEY CLASS MEMBERS FOR
THIS KEY CLASS BY TAG NO. FOR EACH KEY
CLASS MEMBER RETRIEVED, DELETE THE KEY
CLASS MEMBER AND ITS MIGRATIONS; I.E.
ATTRIBUTE USE CLASS AND INHERITED
ATTRIBUTE USE CLASS.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DLMIGRC
UERROR
ERRPRC

DOCGROUP PS41100 Module Documentation

NAME: DRPMIG
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR THE "DROP MIGRATES"
         CLAUSE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPMIG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  CONTROLS THE PROCESSING LOGIC FOR THE "DROP
MIGRATES" CLAUSE. THE CLASUE IS OPTIONAL.
WHEN SPECIFIED, CONSISTS OF A KEY-CLAUSE-NAME.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE
VERKC
UERROR
VERRCC
DRPMGRC
DELCPRC

DOCGROUP PS41100 Module Documentation

NAME: DRPMOD
PURPOSE: CONTROLS THE PROCESSING LOGIC TO DROP A MODEL.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPMOD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC TO DROP A MODEL
- IE ENTITIES, ATTRIBUTES, KEYWORDS, RELATIONS, VIEWS, ETC.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
UNIQENO
ERRPRO

ROUTINES CALLED:

CPFONE
UERROR
VERMOD
DELMOD
DELTEXT
FNDECM
FNDACM
ADDRNUM
UWARN
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPPART
PURPOSE: DROPS USER ENTERED PARTITION NUMBER FROM ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPPART
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 CALLS "HPNLOOK" TO VERIFY ENTITY AND
PARTITION, THEN CALLS "DELHPNA" TO DROP
PARTITION.

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

HPNLOOK
UERROR
DELHPNA
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPPRF1
PURPOSE: SELECT MAP TYPES FOR A SPECIFIC TAG AND DROP IF NOT
      COMPLEX
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPPRF1
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SELECT THE MAP TYPE FOR A SPECIFIC ENTITY AND TAG
NUMBER AND IF NOT A COMPLEX MAPPING, DELETE THE
OCCURENCE OF THE MAPPING.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

DELMTAG
DRPECRT
ECRTALL
DRPRULE
UERROR
ERRPRO

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DOCGROUP PS41100 Module Documentation

NAME: DRPPSB
PURPOSE: PROGRAM NAME   DRPPSB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPPSB
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DROP A PSB NAME FROM THE PSB TABLE

-

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERPSB
UERROR
DELPSB
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPRCE
PURPOSE: DROP A RELATION CLASS FOR AN ENTITY BEING DROPPED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPRCE
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DRPRCE WILL DROP A RELATION CLASS BASED ON AN
ENTITY CLASS NUMBER THAT IS TO BE DELETED.

        ADDITIONALLY THIS ROUTINE WILL DELETE ALL TEXTUAL
        DESCRITPTIONS ASSOCIATED WITH THE RELATION AND
        ADD THE RELATION-CLASS NUMBER BACK INTO THE CDM'
        FOR REUSE.

MODIFIED 5/2/89: TO HANDLE NEW RELATION_CLASS DEFINITION AND
LINK_RELATION

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

VERRCB
UERROR
DELLR
DELRC
ADDRNUM
DELTEXT
DELRCKW
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPREC
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR THE DROP RECORD
         COMMAND.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPREC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

        DELETE THE RECORD, ALL ITS FIELDS, AND ANY
        SETS BELONGING TO THE RECORD.
        NO MAPPINGS ARE DELETED.
        THE RECORDS, FIELDS AND SETS ARE NOT DROPPED
        IF MAPPINGS ARE ASSOCIATED.
        ALSO, DELETE THE TEXTUAL DESCRIPTION AND
        ADD THE OBJECT NUMBERS TO THE REUSABLE POOL.
modified: sandy singh, sep 21, 1988
to prevent dropping a record if an ec-rt mapping exists
modified: sparks, Oct 26, 1989
to prevent dropping a record if a ROJ mapping exists
AND ADD THE SET
        NUMBER TO THE REUSABLE POOL.
        THE SET IS DELETED ONLY IF NOT MAPPED

INCLUDE FILES:

LISTNOS
UNIQENO

ROUTINES CALLED:

GETDRT
UERROR
DELDAA2
DELTEXT
ADDRNUM
DELDFL2
DELRTY2
SELRSET
SELSTM
DELDSL2
ECRTCHK
VERROJR
VERAIM
SELURT
VERHORZ

DOCGROUP PS41100 Module Documentation

NAME: DRPREL
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR THE "DROP RELATION"
        COMMAND.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  DRPREL CONTROLS THE PROCESSING LOGIC FOR THE
"DROP RELATION" COMMAND.
MODIFIED: 23-FEB-87
RELEASE: 2.3
CHANGES: DROPPED THE CALL TO 'VERSRC' WHICH VERIFIED AGAINST
THE
TABLE VIEW_RC_COMPONENT WHICH WAS ELIMINATED FOR THE
UPGRADING OF THE VIEW COMMANDS.
MODIFIED: 25-APR-89
DROPPED TO CALL TO 'VERREL' AND ADDED IT BACK IN ITS PARTS
AND ADDED A NEW DELETE PROCEDURE -- ALL BECAUSE OF CATEGORY
AND LINK RELATION TYPES.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
UNIQENO

ROUTINES CALLED:

CPFONE
CPFNXT
VERENT
UERROR
VERLR
VERRCB
VERROJ
VERRCC
UWARN
DRPMGRC
DELCPRC
DELLR
DELRC
DELRCKW
DELTEXT
ADDRNUM
DELMTKC

DOCGROUP PS41100 Module Documentation

NAME: DRPRNG
PURPOSE: DROP THE RANGE VALUES FOR A GIVEN DOMAIN
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPRNG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
DELETE A SPECIFIC RANGE FROM DOMAIN_RANGE TABLE
ASSOCIATED WITH A SPECIFIC DOMAIN NUMBER

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-RANGE   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPRULE
PURPOSE: DELETES THE DISTRIBUTED RULES FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPRULE
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE DELETES THE DISTRIBUTED RULES FOR
A SPECIFIED ENTITY.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPSET
PURPOSE: CONTROLS THE PROCESSING LOGIC FOR DELETING A SET FROM
        THE DATABASE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPSET
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC FOR DELETING A SET
FROM THE DATABASE.
THIS ROUTINE FETCHES INFORMATION REGARDING THE DATA BASE AND
THE SET TO BE DROPPED. AFTER VERIFYING THAT THE SET DOES
EXIST, IT IS DELETED FROM THE DATA BASE.
        THE SET IS NOT DROPPED IF THERE IS AN
        ASSOCIATED MAPPING TO A TAG OR RELATION.

INCLUDE FILES:

UNIQENO
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERDBAS
UERROR
VERRSET
VERRSUS
VERRCBS
FNDASA
DELRST2
DELSTM2
DLDSL2
ADDRNUM
DELTEXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPSMAP
PURPOSE: PROGRAM NAME DRPSMAP
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPSMAP
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM ALTMAP, THIS PROGRAM CALLS
SUBPROGRAMS WHICH ALLOW DATA FIELDS TO BE
DROPPED FOR THE SAME PREFERENCE ONLY IF THE
ENTITY IS HORIZONTALLY PARTITIONED. IT ALSO
ALLOWS SET VALUE MAPPINGS TO BE DROPPED
FOR THE SAME PREFERENCE.

ARGUMENTS:

RC-AUC-MAP   DSPLY[X]
TAG-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
HZ-PART-FLAG   DSPLY[X]
EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFNXT
LOWUPP
CPFVAL
CHKSTMP
VERAPDF
VERDB
VERSMS
DEL1ASM
VERDFID
DEL1PDF
VERRT
UERROR
DEL1AIM
ECRTALL
VERECRT
ALT1ERT
CPFCOR
FNDRCM
DELIRCS
ERRPRO

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DOCGROUP PS41100 Module Documentation

NAME: DRPSMOD
PURPOSE: DROP SOFTWARE MODULE FROM CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPSMOD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETE SOFTWARE MODULE ALONG WITH
ASSOCIATED MODULE PARAMETERS FROM THE CDM.

INCLUDE FILES:

FLDELST
ERRCDM
LISTNOS

ROUTINES CALLED:

CPFONE
VERSMOD
UERROR
DELPARM
DELSMOD
CPFNXT
CDNMOD
CDRPXRF
CDRPESU
CDDGAP
UWARN

DOCGROUP PS41100 Module Documentation

NAME: DRPSPRF
PURPOSE: WILL DROP A SINGLE MAPPING PREFERENCE FOR TAG
        MAPPINGS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPSPRF
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM DROP MAP, THIS PROGRAM WILL
DROP A SINGLE MAPPING PREFERENCE FOR AN
AUC TO DATA FIELD OR AUC TO SET MAPPING.

MODIFIED: 6/10/87
:- MODIFIED TO INCLUDE THE NEW PARAMTERS EC-NO
AND RET-STATUS. ALSO, CHANGED THE CALL FROM
DEL1AIM TO A THE SUBROUTINE SELAIMP, THAT WILL
DELETE ALL THE AUC MAPPINGS FOR A SPECIFIC
PREFERENCE NUMBER.
-

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
MAP-TYPE   DSPLY[X(10)]
EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SELAIMP
ECRTALL
DRPRULE
DRPDFMP
DRPSTMP
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPSTMP
PURPOSE: DELETES SET MAPPING FOR A GIVEN TAG AND PREFERENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPSTMP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-   DELETES FROM AUC_ST_MAPPING FOR A TAG NUMBER
AND PREFERENCE NUMBER AND WHERE THE KEY OF
AUC_IS_MAPPING MATCHES CORRESPONDING ATTRIBUTES
IN AUC_ST_MAPPING.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
DB-ID   DSPLY[S9(9)]
REC-NAME   DSPLY[X(30)]
USAGE-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SELDBNM
DEL1ASM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPUNIN
PURPOSE: DROP RECORD UNION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPUNIN
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- DELETES ALL RECORDS FROM THE ECRTUD
TABLE WHICH BELONG TO A RECORD UNION
DEFINITION

- OBTAIN DATA BASE AND RECORD NAME FROM PARSER.   VE
THAT THE RECORD UNION TO BE DELETED DOES EXIST.
IF IT DOES DELETE ALL ROWS OF ECRTUD THAT
DEFINE THE RECORD UNION.

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

DBLOOK
SELURT
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPVAL
PURPOSE: DROP A SPECIFIC DOMAIN VALUE FOR A GIVEN DOMAIN
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPVAL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
DELETE A SPECIFIC VALUE FROM DOMAIN_VALUE TABLE
ASSOCIATED WITH A SPECIFIC DOMAIN NUMBER

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-VALUE   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPVALA
PURPOSE: DROP ALL VALUES ASSOCIATED WITH A DOMAIN NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPVALA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
DELETE ALL VALUES FROM DOMAIN VALUE TABLE
ASSOCIATED WITH A SPECIFIC DOMAIN NUMBER

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DRPVIEW
PURPOSE: DROP THE VIEW.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPVIEW
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

    EXTRACT THE VIEW NAME, AND DROP THE CORRESPONDING
                 DATA ITEM, PROJECT DATA ITEM, VIEW_QUAL_XREF,
VIEW_EC_XREF, VIEW_QUALIFY_CRITERIA, AND USER_VIEW.

    SELECT THE FIRST VIEW-NAME AND VERIFY
                 THAT THE VIEW DOES EXIST THEN DELETE THE
                 ASSOCIATED DATA ITEM, PROJECT DATA ITEM,
                 SEC AND SEC-RC-COMPONENT. REPEAT THE
PROCESS
                 FOR THE OTHER VIEWS TO BE DROPPED.

INCLUDE FILES:

LISTNOS
UNIQENO
ERRCDM

ROUTINES CALLED:

CPFONE
VERVIEW
UERROR
DELPDI
DRPDIV
DELDIV
DELQCTG
DELECRF
DELQCRF
DELVIEW
DELTEXT
CPFNXT
UWARN

DOCGROUP PS41100 Module Documentation

NAME: DRPVMOD
PURPOSE: DROP VERIFICATION MODULE'S NAME FOR DOMAIN NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DRPVMOD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
DELETE THE MODULE NAME OF THE
VERIFICATION MODULE FROM THE
VERIF_MODULE TABLE FOR A SPECIFIC
DOMAIN NUMBER

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: DTUSAGE
PURPOSE: DETERMINE ASSOCIATIONS OF A DATA TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: DTUSAGE
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   DETERMINE IF THE DATA TYPE BEING DROPPED ARE
           ASSOCIATED WITH ANY DATA FIELD, DATA ITEMS OR
           ATTRIBUTE CLASS.

   VERIFY IF DATA FIELD, DATA ITEM AND
           ATTRIBUTE CLASS IS ASSOCIATED WITH THE
           DATA TYPE.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DATA-TYPE-NAME   DSPLY[X(30)]
RETURN-STATUS   DSPLY[S9(9)]

ROUTINES CALLED:

VERDFDT
VERDIDT

DOCGROUP PS41100 Module Documentation

NAME: ECLOOK
PURPOSE: GENERATE 'FROM' AND 'WHERE' CLAUSES FOR CREATE VIEW
        CMD
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ECLOOK
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM FRWH, THIS ROUTINE WILL ASSIGN
AN ABBR-CODE FOR ENTITY NAMES RETRIEVED FOR
A GIVEN VIEW NUMBER. THE EC-NAMES ARE LOADED
INTO AN INTERNAL TABLE. RC-NAMES RETRIEVED ARE
LOADED INTO A SECOND INTERNAL TABLE. AFTER TABLE
LOADING HAS BEEN COMPLETED, THE 'FROM' AND 'WHERE'
CLAUSES ARE GENERATED FOR THE VIEW.

ARGUMENTS:

IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NAME   DSPLY[X(30)]
EC-NAME-TABLE   RECRD
RC-NAME-TABLE   RECRD

INCLUDE FILES:

ADDPARM
ERRCDM
ECTBL
RCTBL
ERRPRO

ROUTINES CALLED:

UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ECRTALL
PURPOSE: SELECT ALL ENTITY TO RECORD MAPPINGS FOR A GIVEN
         ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ECRTALL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SELECT AND COUNT ALL ROWS IN EC_RT_MAPPING
FOR A GIVEN EC_NO.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
ECRT-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ECRTCHK
PURPOSE: VERIFY IF A RECORD HAS BEEN MAPPED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ECRTCHK
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
        VERIFY FROM AUC_IS_MAPPING IF THE RECORD
        HAS BEEN MAPPED TO AN ENTITY.
        IF THERE EXISTS A MAPPING, RETURN A VALUE
        OF 1 IN FOUND-FLAG.

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
FOUND-FLAG   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ENTKW
PURPOSE: SEARCH FOR ENTITY KEYWORD MATCHES WITHIN TWO MODELS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ENTKW
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC TO POPULATE A
KEYWORD TABLE WITH ENTITY CLASS KEYWORDS OF ONE MODEL, THEN
SEARCHES THIS TABLE FOR MATCHES FROM THE SECOND MODEL.

ARGUMENTS:

MOD-NO1	DSPLY[S9(9)]
MOD-NO2	DSPLY[S9(9)]
MOD-NAME1	DSPLY[X(30)]
MOD-NAME2	DSPLY[X(30)]

INCLUDE FILES:

KWDTBL
ERRPRO

ROUTINES CALLED:

RETECKW
RECKW2
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: EXCFLAG
PURPOSE: DETERMINE IF KEYWORDS,ALIASES,DESCR ARE TO BE
         EXCLUDED
LANGUAGE: VAX-11 COBOL
SOURCE FILE: EXCFLAG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GETS THE ITEMS TO BE EXCLUDED (IF ANY) FROM THE PARSER LIST
AND SETS THE KEYWORD, ALIAS AND DESC FLAP ACCORDINGLY. A
FLAG VALUE OF ZERO INDICATES KEYWORDS, ALIASES, AND/OR
DESCRIPTIONS ARE TO BE INCLUDED IN GENERATED NDDL COMMANDS.
A VALUE OF 1 INDICATE THEY ARE TO BE EXCLUDED FROM THE
GENERATED NDDL.
. EACH KEYWORD IS PLACED ON A SEPERATE
LIST BY THE PARSER.

ARGUMENTS:

KEYWRD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE

DOCGROUP PS41100 Module Documentation

NAME: FCOPATT
PURPOSE: GENERATE NDDL COMMANDS FROM A COPY ATTRIBUTE COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FCOPATT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE IS CALLED BY COPY ATTRIBUTE TO GENERATE NDDL
COMMANDS ON A FILE.

ARGUMENTS:

CUR-MODEL-NO   DSPLY[S9(9)]
MOD-NAME   DSPLY[X(30)]
AC-NAME1   DSPLY[X(30)]
AC-NAME2   DSPLY[X(30)]
DOM-NAME   DSPLY[X(30)]
AC-NO1   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
INTER-INTRA   DSPLY[X(5)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

VERATT
UERROR
NFLOPEN
ADDPARM
GENATT
GENDESC
UWARN
GENALI
NFLCLOS
ERRPRO

3-693

DOCGROUP PS41100 Module Documentation

NAME: FETITAG
PURPOSE: SELECT ALL INHERITED ATTRIBUTES OF THE SPECIFIED TAG
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FETITAG
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE WILL SELECT ALL INHERITED
ATTRIBUTES OF THIS TAG OF A SPECIFIED
KEY. THESE INHERITED ATTRIBUTES ARE
POPULATED IN THE UPD-TAG-LIST.
UPDATED 3/24/89: TOOK OUT 'CONNECT BY PRIOR' FROM SQL
STATEMENT TO MAKE STANDARD SQL. THE ORACLE SQL
STATEMENT THAT WAS REPLACED WAS:
'SELECT UNIQUE TAG_NO, RC_NO
FROM INHERITED_ATT_USE
CONNECT BY PRIOR TAG_NO = KCM_TAG_NO
START WITH KCM_TAG_NO = :INPUT-TAG-NO-WS AND
KC_NO = :KC-NO-WS'
- THIS ROUTINE WILL SELECT ALL INHERITED ATTRIBUTES
OF THIS TAG OF A SPECIFIED KEY. AFTER SELECTING
THESE INHERITED ATTRIBUTES ARE PUT IN THE UPDATE
TAG LIST.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
NEW-TAG-NAME   DSPLY[X(30)]
INPUT-TAG-NO   DSPLY[S9(9)]
UPD-TAG-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

CHKCDM
ERRCDM
EOD
UPDTGLS
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTOC
SQLOSQ
SQLADR
SQLAB1
SQLEXE
UERROR

SQLCLS
GETRCID
VERATAG
SQLAD1
SQLFCH
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FILEINS
PURPOSE: INSERT DESCRIPTION TEXT INTO CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FILEINS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

EXT INTO CDM
DESCRIPTION :   FILEINS READS DESCRIPTION TEXT FROM A USER-
SPECIFIED FILE AND INSERTS THE TEXT INTO THE CDM.
PREVIOUS DESCRIPTION TEXT, IF ANY, IS DELETED.
IF THE FILE DOESN'T EXIST OR IF IT IS EMPTY, PRE-
EXISTING TEXT IS NOT DELETED AND AN ERROR MESSAGE
IS GENERATED.
5/18/88:   CONVERTED FROM COBOL HLI ROUTINE TO A PRC
8/1/88:   MODIFIED TO SUPPORT FIOPS
11/9/88:   MODIFIED TO PUT IN NULL CHARACTER BEFORE PASS TO
OPNFIL FILEINS READS TEXT FROM A FILE AND INSERTS THE OBJECT
TYPE, OBJECT NUMBER, DESCRIPTION TYPE, TEXT LINE NUMBER
AND TEXT INTO THE DATABASE.
F IT EXISTS.

ARGUMENTS:

FILE-NAME   DSPLY[X(80)]
OBJ-TYPE   DSPLY[X(30)]
DESC-TYPE   DSPLY[X(30)]
OBJ-NO   DSPLY[S9(9)]
LINE-COUNT   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

OPNFIL
UERROR
CLSFIL
INPFIL
DELTXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FINDDOM
PURPOSE: RETRIEVE A DOMAIN NUMBER FOR A GIVEN DOMAIN NAME
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FINDDOM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

Given an attribute class number, this routine will
return its domain number.

ARGUMENTS:

AC-NO   DSPLY[S9(9)]
DOM-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FLDSEMS
PURPOSE: SEMANTICS CHECKS FOR FIELD VARIABLES BEFORE INSERTION
         TO CDM.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FLDSEMS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE PROVIDES THE SEMANTICS CHECKS FOR FIELD
INDEXING, KEYS, ETC. IF NO ERRORS OCCUR, THE FIELDS
ARE INSERTED INTO THE CDM.
VERIFIES ALL INFORMATION IN DFTBL
BY CHECKING KEYS,
SUB-COMPONENTS, INDEXING, REDEFINES, ETC.

ARGUMENTS:

DBMS-NAME   DSPLY[X(30)]
DFT-TABLE   RECRD
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRCDM
UNIQENO
TDFTBL
DFTBL
ERRPRO

ROUTINES CALLED:

UERROR
VERDTYP
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FMTIAUC
PURPOSE: FORMATS A LINE FOR THE ..SET.. CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FMTIAUC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:
----

formats a line for the SET clause

ARGUMENTS:

IAUC-TAG-NAME   DSPLY[X(30)]
OWNER-TAG-NAME   DSPLY[X(30)]

ROUTINES CALLED:

ADDPARM

DOCGROUP PS41100 Module Documentation

NAME: FND1MEM
PURPOSE: RETRIEVE RECORD TYPE OF MEMBER ASSOCIATED WITH A SET
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FND1MEM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

FND1MEM VERIFIES THAT THE DATABASE NAME, SET-NAME AND MEMBER
RECORD NAME IS VALID. IN THE CASE THAT THE OPTIONAL MEMBER
RECORD NAME HAS NOT BEEN ENTERED, THIS ROUTINE VERIFIES THAT
THIS SET HAS ONLY 1 MEMBER RECORD NAME WHICH IT RETURNS.
AN NDML SELECT STATEMENT RETRIEVES ALL OCCURRENCE OF THE
RT_ID_OF_MEMBER WHOSE DB_ID AND SET_ID MATCH THE INPUT
ARGUMENTS. IF THE USER ENTERED A MEMBER RECORD NAME, IT IS
VALIDATED. IF THE USER DID NOT ENTER A MEMBER RECORD NAME,
A CHECK IS MADE FOR A SINGLE SET TYPE MEMBER, AND, IF SO,
THE SINGLE SET TYPE MEMBER NAME IS RETURNED.

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
MEMBER-RECORD-NAME   RECRD

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDACM
PURPOSE: DELETE ALL ATTRIBUTE CLASSES FROM A GIVEN MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDACM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DELETES THE ATTRIBUTE CLASS FROM THE MODEL.
DELETE ATTRIBUTE, KEYWORDS, VIEWS, ETC, FROM
MODEL, GIVEN THE AC-NO. THEN RETURN THIS NUMBER TO THE
REUSABLE POOL.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
ERROR-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

DELAC
DELACKW
DELTEXT
DELACNM
ADDRNUM
SELACNM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDASA
PURPOSE: VERIFY WHETHER A SET HAS BEEN MAPPED TO AN AUC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDASA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

This routine will verify that a set has or has not
been mapped to an attribute use class before.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
SET-ID   DSPLY[X(30)]
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDASM
PURPOSE: DETERMINES IF AN AUC TO SET TYPE MAPPING EXISTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDASM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE PERFORMS AN NDML SEARCH OF THE
AUC_ST_MAPPING TABLE TO DETERMINE WHETHER A PARTICULAR
MAPPING EXISTS. IF SO, FOUND = 1; OTHERWISE ZERO.

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDAUC
PURPOSE: DELETE ALL ATTRIBUTE USE CLASSES FOR A GIVEN ENTITY
         CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDAUC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 FNDAUC WILL RETRIEVE ALL ATTRIBUTE USED CLASSES
FOR AN ENTITY AND DELETE EACH ONE.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:
------- -----------
DELAUC
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDEC
PURPOSE: VERIFY AN ENTRY EXISTS IN DEP-EC-LIST TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDEC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Verify if an entry exists in the
DEP-EC-LIST table given an EC-NO.

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
DEP-EC-LIST   RECRD
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

CHKCDM
ERRCDM
DEPECL
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDECCM
PURPOSE: SELECT THE CATEGORY RELATION NUMBER THAT AN ENTITY IS
         PART OF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDECCM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  THIS SELECTS THE CATEGORY RELATION NUMBER THAT
AN ENTITY IS PART OF AS A MEMBER ENTITY.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
FROM-EC-NAME   DSPLY[X(30)]
TO-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
RTN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

UERROR
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDECCR
PURPOSE: SELECT THE CATEGORY RELATION NUMBER THAT AN ENTITY IS
          PART OF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDECCR
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 THIS SELECTS THE CATEGORY RELATION NUMBER THAT
AN ENTITY IS PART OF AS THE GENERIC ENTITY.
IF RC-NO IS GREATER THAN ZERO THIS MEANS THAT SOMETHING
WILL BE INVALID.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RC-COUNTER   DSPLY[S9(9)]
RTN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDECM
PURPOSE: DELETES ALL ENTITIES AND ASSOCIATED OBJECTS FOR A
         GIVEN MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDECM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DELETES THE ENTITY CLASS FROM THE MODEL TO BE
DROPPED, ALONG WITH THE ATTRIBUTE USE CLASSES, KEY CLASSES
AND RELATION CLASSES.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
ERROR-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
ERRPRO

ROUTINES CALLED:

DELOACE
DELEC
DELECKW
DELECON
DELTEXT
DLMDAUC
DELMDKC
DELMDRC
DELECNM
ADDRNUM
SELECNM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDECM1
PURPOSE: SELECT THE CATEGORY RELATION NUMBER THAT AN ENTITY IS
        PART OF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDECM1
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  THIS SELECTS THE CATEGORY RELATION NUMBER THAT
AN ENTITY IS PART OF AS A MEMBER ENTITY.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NO   DSPLY[S9(9)]
RTN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDOAC
PURPOSE: DELETES ALL OWNED ATTRIBUTES FOR A GIVEN ENTITY CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDOAC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 FNDOAC WILL RETRIEVE ALL OWNED ATTRIBUTES
FOR AN ENTITY CLASS AND DEBATE THEM AS OWNED
ATTRIBUTES OF THE ENTITY CLASS.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DELOAC
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDPDF
PURPOSE: VERIFY WHETHER A DATA FIELD HAS BEEN MAPPED TO AN AUC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDPDF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE VERIFIES THAT A GIVEN DATA FIELD
HAS BEEN MAPPED TO AN AUC BEFORE.

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
REC-NAME   DSPLY[X(30)]
DF-NAME   DSPLY[X(30)]
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDRCEC
PURPOSE: VERIFY ENTRY EXISTS IN RC-DEPKC-LIST GIVEN EC-NO.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDRCEC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Verify that an entry exists in the
rc-depkc-list given an ec-no.

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RC-DEPKC-LIST   RECRD
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

CHKCDM
ERRCDM
RCDEPKC
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDRCIE
PURPOSE: VERIFY ENTRY EXISTS IN RC-DEPKC-LIST GIVEN EC-NO.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDRCIE
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Verify that an entry exists in the
rc-depkc-list given an ec-no.

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RC-DEPKC-LIST   RECRD
FOUND   DSPLY[S9(9)]

INCLUDE FILES:

CHKCDM
ERRCDM
RCDEPKC
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FNDRCM
PURPOSE: RETRIEVES ALL RC/RT MAPPINGS FOR A NAMED RECORD
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FNDRCM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-       FNDRCM RETURNS ALL ROWS OF RC_BASED_REC_SET
WITH MATCHING DB NUMBERS, SET NAMES AND RELATION CLASS NUMBERS.
IF THE USER ENTERED A RECORD NAME IN THE COMMAND, A CHECK IS
MADE TO DETERMINE IF IT IS VALID. IF NO RECORD NAME WAS
ENTERED, AND IF MORE THAN 1 ROW IS RETURNED, AN ERROR CONDITION
EXISTS. ALSO, AN ERROR CONDITION EXISTS IF NO ROWS ARE
RETURNED.

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
REC-NAME   RECRD
ERROR-FLAG   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: FRTOREL
PURPOSE: DETERMINE IF RELATION EXISTS BETWEEN INTRA-MOD
         ENTITIES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: FRTOREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE LOOKS FOR RELATIONS BETWEEN THE FROM-ENTITY
AND TO-ENTITY ON AN INTRA MODEL COMBINE. IF FOUND, GENERATE
A "DROP RELATION".

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
FROM-EC-NAME   DSPLY[X(30)]
TO-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
RCNO-LIST

INCLUDE FILES:

LISTREL
RELTBL
ERRPRO

ROUTINES CALLED:

SELRCNM
UWARN
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GEN1DSC
PURPOSE: GENERATES A DESCRIBE COMMAND FOR A SPECIFIC DES-TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GEN1DSC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Gen1dsc selects from desc_text based
on the desc-type, object-type and object-no. It will
then generate a DESCRIBE command for that description.

ARGUMENTS:

DESC-TYPE   DSPLY[X(30)]
OBJ-TYPE   DSPLY[X(30)]
FROM-OBJ-NO   DSPLY[S9(9)]
OBJ-NAMEA   DSPLY[X(30)]
OBJ-NAMEB   DSPLY[X(30)]
OBJ-NAMEC   DSPLY[X(30)]
RET-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDTXT
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENAKW
PURPOSE: RETRIEVE ALL KEYWORDS FOR AN ATTRIBUTE CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENAKW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS ALL THE KEYWORDS FOR A GIVEN ATTRIBUTE AND GENERATES
THE KEYWORD PHRASE FOR THE CREATE ATTRIBUTE COMMAND.

ARGUMENTS:

AC-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENALG
PURPOSE: SELECT DATA ITEMS USED IN ALG CONVERSION FOR GIVEN
         VIEW
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENALG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM GENVIEW, THIS ROUTINE WILL SELECT
ALL DATA ITEMS INCLUDED IN A GIVEN VIEW THAT
ARE INPUT/OUTPUT PARAMETERS TO AN ALGORITHM
CONVERSION AND THEN CALL A SUBPROGRAM TO GENERATE
THE ACTUAL 'DEFINE ALGORITHM' COMMAND.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

WRTALG
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENALI
PURPOSE: GENERATE A CREATE ALIAS COMMAND FOR AN OBJECT TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENALI
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE ALIAS GIVEN THE OBJECT TYPE ("ENTITY" OR
"ATTRIBUTE") AND THE OBJECT'S PRIMARY NAME AND ALIAS NAME.

ARGUMENTS:

OBJ-TYPE   DSPLY[X(30)]
OBJ-NAME   DSPLY[X(30)]
ALIAS-NAME   DSPLY[X(30)]

ROUTINES CALLED:

ADDPARM

DOCGROUP PS41100 Module Documentation

NAME: GENALT1
PURPOSE: GENERATE AN ALTER ENTITY..ADD KEY CLASS COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENALT1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 Generates an ALTER ENTITY command to add a key
class to an entity, given the entity's ec-no and ec-name.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
KC-LIST   RECRD

INCLUDE FILES:

KEYLIST

ROUTINES CALLED:

NEXTKC
VERKCT1
ADDPARM
NEXTKCM

DOCGROUP PS41100 Module Documentation

NAME: GENALTE
PURPOSE: GENERATE AN ALTER ENTITY..ADD KEY CLASS COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENALTE
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  Generates an ALTER ENTITY command to add a key
class to an entity, given the entity's ec-no and ec-name.

MODIFIED 7/19/89: ADD "ALTERNATE" TO ALTER ENTITY COMMAND ADD
KEYS

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]

ROUTINES CALLED:

NEXTKC
ADDPARM
VERKCT1
NEXTKCM

DOCGROUP PS41100 Module Documentation

NAME: GENAREL
PURPOSE: GENERATE CREATE MAP TO RELATION COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENAREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- ?

-

ARGUMENTS:

IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NAME   DSPLY[X(30)]
SET-ID   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
RT-ID-MEM   DSPLY[X(30)]
FIRST-FLAG   DSPLY[S9(9)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENATT
PURPOSE: GENERATE A CREATE ATTRIBUTE.. COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENATT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE ATTRIBUTE COMMAND.

ARGUMENTS:

AC-NO   DSPLY[S9(9)]
AC-NAME   DSPLY[X(30)]
DOM-NAME   DSPLY[X(30)]
KEYWRD-FLAG   DSPLY[9]

ROUTINES CALLED:

ADDPARM
GENAKW

DOCGROUP PS41100 Module Documentation

NAME: GENATTR
PURPOSE: GENERATES A CREATE ATTRIBUTE COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENATTR
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generates a create attribute command.

-

ARGUMENTS:

TO-EC-NAME   DSPLY[X(30)]
GEN-FLAG   DSPLY[X]
ALIAS-FLAG   DSPLY[X]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
AC-NAME   DSPLY[X(30)]
AC-NO   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]
DOMAIN-NAME   DSPLY[X(30)]
AC-CNT   DSPLY[S9(9)]
COPY-TYPE   DSPLY[X(30)]
NKEY-FLAG   DSPLY[X]
TO-MODEL-NO   DSPLY[S9(9)]
KCM-FLAG   DSPLY[X]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

ADDPARM
VERKCM
VERATT
COPAKW
COPAALI
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENCAT
PURPOSE: GENERATE CREATE CATEGORY COMMANDS FOR MEMBERS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCAT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generate create category commands for all
relations in which the target entity is a member.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
MIGRATES-FLAG   DSPLY[X]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

SELECNM
VERENT
SELACNM
ADDPARM
GENCNM3
COPCKW
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENCMPX
PURPOSE: CONTROLS GENERATING OF DEFINE ALGORITHM CMD FOR COPY
         MAP
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCMPX
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

MOD-TABLE   RECRD
DB-ID   DSPLY[S9(9)]
DB-NAME   DSPLY[X(30)]
RT-ID   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
AUPTBL
DFPTBL
RTPTBL
MDTBL
ERRPRO

ROUTINES CALLED:

CHKCMPX
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENCNM1
PURPOSE: FORMAT THE CREATE CATEGORY CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCNM1
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  Formats the CREATE CATEGORY clause.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
GEN-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
AC-NAME   DSPLY[X(30)]
RC-DEPKC-LIST   RECRD
DEPENT-FLAG   DSPLY[9]
HOLD-RC-INDEX   DSPLY[999]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

RCDEPKC

ROUTINES CALLED:

ADDPARM
FNDRCEC
VERRCC
SELIAUC

DOCGROUP PS41100 Module Documentation

NAME: GENCNM2
PURPOSE: FORMAT THE CREATE CATEGORY CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCNM2
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 Formats the CREATE CATEGORY clause.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
GEN-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
AC-NAME   DSPLY[X(30)]
DEP-EC-LIST   RECRD
DEPENT-FLAG   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

DEPECL

ROUTINES CALLED:

FNDEC
ADDPARM
VERRCC
SELIAUC

DOCGROUP PS41100 Module Documentation

NAME: GENCNM3
PURPOSE: FORMAT THE CREATE CATEGORY CLAUSE FOR COPY ENTITY
          WITH RELATION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCNM3
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 Formats the CREATE CATEGORY clause.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
GEN-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
AC-NAME   DSPLY[X(30)]
COMBINE-TYPE   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]

ROUTINES CALLED:

ADDPARM
VERENT
VERRCC
SELIAUC

DOCGROUP PS41100 Module Documentation

NAME: GENCNME
PURPOSE: FORMAT THE CREATE CATEGORY CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCNME
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  Formats the CREATE CATEGORY clause.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
GEN-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
AC-NAME   DSPLY[X(30)]
COMBINE-TYPE   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]

ROUTINES CALLED:

ADDPARM
VERENT
VERRCC
SELIAUC

DOCGROUP PS41100 Module Documentation

NAME: GENCREC
PURPOSE: GENERATES CREATE MAP COMMANDS FOR ALL ENTITY TO
         RECORD
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCREC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generates the CREATE MAP commands for
all the entity to record mappings where
the record specified, on the COPY MAP FOR
RECORD command participates

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
ECRT-TABLE   RECRD

INCLUDE FILES:

ERRCDM
ECRTBL
ERRPRO

ROUTINES CALLED:

GENECRT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENCRPT
PURPOSE: GENERATE CREATE PARTITION COMMANDS FOR COPY MAP TO
         RECORD
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCRPT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
HP-TABLE   RECRD

INCLUDE FILES:

ERRCDM
SRVRET
HPTBL
ERRPRO

ROUTINES CALLED:

GENEHP
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENCRUN
PURPOSE: SELECT ALL FROM ECRTUD GIVEN DB AND RT THEN GENERATE
         CREATE UNION CM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENCRUN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
SELDBNM
SELECNM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDALG
PURPOSE: GENERATE DEFINE ALGORITHM COMMANDS FOR COPY MAP
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDALG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- ?

-

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PREF-NO   DSPLY[S9(9)]
USE-CODE   DSPLY[X]
MOD-INST   DSPLY[S99]
AUC-PARM-TABLE   RECRD
RT-PARM-TABLE   RECRD
DF-PARM-TABLE   RECRD

INCLUDE FILES:

AUPTBL
RTPTBL
DFPTBL
ERRPRO

ROUTINES CALLED:

ADDPARM
GTCNTPR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDB
PURPOSE: GENERATE DEFINE DATABASE,RECORD(ALLREC), AND
         SET(ALLSET) COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDB
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- ?

-

ARGUMENTS:

DB-TABLE   RECRD
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

DBTBL
ERRPRO

ROUTINES CALLED:

ADDPARM
VERPCB
VERPASS
VERDBA
VERSCH
GENDESC
ALLREC
ALLSET
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDCOM
PURPOSE: GENERATE COMMANDS FOR DEPENDENTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDCOM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine is called when a relation is
found in GENDEP.

-

ARGUMENTS:

IND-EC-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
NO-IND-ENT   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
MIN-NO-DEP-ENT   DSPLY[S9(9)]
MAX-NO-DEP-ENT   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
MIGRATES-FLAG   DSPLY[X]
FROM-MOD-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
FROM-EC-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

SELECNM
VERENT
GENRNME
MIGREL
ADDPARM
COPRKW
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDEP
PURPOSE: GENERATE CREATE RELATION COMMANDS FOR DEPENDENTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDEP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generate create relation commands for all
relations in which the target entity is dependent.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
MIGRATES-FLAG   DSPLY[X]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

GENDCOM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDESC
PURPOSE: GENERATED NDDL DESCRIBE COMMANDS FOR A GIVEN OBJECT
          TYPE AND NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDESC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A DESCRIBE COMMAND WITH EMBEDDED TEXT DESCRIPTION
FOR EACH DESC-TYPE IN THE CDM FOR A GIVEN OBJECT-TYPE AND
OBJECT-NO.

ARGUMENTS:

OBJ-TYPE   DSPLY[X(30)]
OBJ-NO   DSPLY[S9(9)]
OBJ-NAME1   DSPLY[X(30)]
OBJ-NAME2   DSPLY[X(30)]
OBJ-NAME3   DSPLY[X(30)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ADDTXT
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENDOM
PURPOSE: GENERATE THE "CREATE DOMAIN" NDDL COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDOM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- GENERATE THE "CREATE DOMAIN" NDDL COMMAND
USING INPUT PARAMETERS, DOM-NAME AND
RETRIEVING DATA TYPE/TYPES, VALUES AND
RANGES OF THE DOMAIN.
IF USER-FLAG EQUAL "Y" RETRIEVE ALL THE
USER DATA TYPES FOR THE DOMAIN, OTHERWISE
ONLY RETRIEVE AND GENERATE THE STANDARD
DATA TYPE.
IF DESC-FLAG EQUAL "Y" CALL "GENDESC"
TO GENERATE DESCRIBE NDDL COMMAND FOR THE
DOMAIN AND ITS DATA TYPES.

MODIFIED 8/10/89 CODE THAT SUPPORTED THE VERIFICATION
MODULE WAS REMOVED.
-

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-NAME   DSPLY[X(30)]
DESC-FLAG   DSPLY[X]
USER-FLAG   DSPLY[X]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
ALLDT
UERROR
ALLVALU
ALLRNG
ERRPRO
GENDESC

DOCGROUP PS41100 Module Documentation

NAME: GENDT
PURPOSE: GENERATE THE "TYPE" CLAUSE FOR THE DATATYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENDT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- GENERATE THE "TYPE" CLAUSE OF THE "CREATE
DOMAIN" NDDL COMMAND.

MODIFIED 8/10/89 LOGIC TO HANDLE NEW DATA TYPES WAS ADDED
(V,D,M,A,R,O)
MODIFIED 12/19/89 LOGIC TO HANDLE OVERPUNCH DATATYPE (H)
-

ARGUMENTS:

DATA-TYPE-NAME   DSPLY[X(30)]
TYPE-ID   DSPLY[X]
MAX-SIZE   DSPLY[S9(9)]
NO-OF-DEC   DSPLY[S9(9)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENECRT
PURPOSE: GENERATES THE CREATE MAP COMMANDS FOR THE ENTITY TO
            THE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENECRT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generates the CREATE MAP commands for the
entity to the records to which it is
mapped.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ADDPARM
VERRULE
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENEHP
PURPOSE: GENERATE CREATE PARTITION COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENEHP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select all hp's from horizontal_part for a
given ec-no, and for each generate a create
partition command.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
SELECNM
VERRTNO
SELDBNM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENEKW
PURPOSE: SELECT KEYWORD FOR ENTITY AND CREATE KEYWORD PHRASE
           FOR CRT ENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENEKW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS ALL THE KEYWORDS FOR A GIVEN ENTITY AND GENERATES
THE KEYWORD PHRASE FOR THE CREATE ENTITY COMMAND.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENENT
PURPOSE: GENERATE A CREATE ENTITY..OWNED ATTRIBUTE..KEYWORD
          COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENENT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE ENTITY COMMAND GIVEN THE ENTITY CLASS
NO. AND NAME.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
KEYWRD-FLAG   DSPLY[9]

ROUTINES CALLED:

ADDPARM
GENOA
GENEKW

DOCGROUP PS41100 Module Documentation

NAME: GENENT1
PURPOSE: GENERATE CREATE/ALTER ENTITY COMMAND,ALIAS, AND
         DESCRS.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENENT1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE GENERATES A CREATE ATTRIBUTE COMMAND FOR ALL
OWNED ATTRIBUTES OF THE FROM-ENTITY ALONG WITH ITS KEYWORDS
ALIASES AND DESCRIPTIONS FOR THE TO-ENTITY, IF THE ATTRIBUTE
DOES NOT EXIST IN THE TO-MODEL.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
KW-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
COMBINE-TYPE   DSPLY[9]
CREATE-FLAG   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADPARM1
CMBOA
CMBEKW
CMBALI
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENENT2
PURPOSE: GENERATE COMMANDS FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENENT2
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generate create entity, create alias entity,
alter entity add keyword, describe entity, and create
attribute (DESC, ALIAS, KEYWORDS) commands for an
entity.

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
FROM-MODEL-NO   DSPLY[S9(9)]
ALIAS-FLAG   DSPLY[X]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
COPY-TYPE   DSPLY[X(30)]
TO-MODEL-NO   DSPLY[S9(9)]
NKEY-FLAG   DSPLY[X]
ATTR-FLAG   DSPLY[X]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

VERENT
ADDPARM
COPEKW
COPVALI
GENDESC
COPOA
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENEUN
PURPOSE: SELECT FROM ECRTUD TO GENERATE CREATE UNION COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENEUN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select db-id rt-id for a given ec from
record_type where rt_no of record_type
equals rt_no of ecrtud and ec_no =
the variable ec-no
and for each new db-rt combination load an
internal table and call a routine to generate
create union commands using the table

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
UNION-TABLE   RECRD

INCLUDE FILES:

ERRCDM
SRVRET
UNTBL
ERRPRO

ROUTINES CALLED:

GENCRUN
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENFLD
PURPOSE: GENERATE FIELD DEFINITIONS FOR COPY RECORD,DATABASE,
         OR DBMS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENFLD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine will use an internal table to store all
information about all fields belonging to a record.
This information will be retrieved and stored into
the table by RETRFLD routine. This routine will also
generate the rest of the DEFINE RECORD command. Then
it will generate, if requested by the COPY RECORD
command, a DESCRIBE RECORD command and a DESCRIBE
FIELD command for all fields of the record.

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
RT-NO   DSPLY[S9(9)]
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

ERRCDM
TDFTBL
ERRPRO

ROUTINES CALLED:

RETRFLD
ADDPARM
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENFROM
PURPOSE: GENERATE CREATE CATEGORY, DESCRIBE COMMANDS IN THE
         TO-MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENFROM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE SELECTS ALL THE RELATIONS IN WHICH THE
FROM-ENTITY IS A GENERIC ENTITY. IF THE SAME ENTITY
EXISTS IN THE TO-MODEL BUT NOT THE RELATION, THEN A
CREATE CATEGORY AND DESCRIBE COMMANDS ARE GENERATED
FOR THE FROM-RELATION.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NO   DSPLY[S9(9)]
FROM-EC-NAME   DSPLY[X(30)]
TO-EC-NAME   DSPLY[X(30)]
FROM-MOD-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
KW-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
COMBINE-TYPE   DSPLY[9]
RCNO-LIST   RECRD

INCLUDE FILES:

SRVRET
RELTBL
ERRPRO

ROUTINES CALLED:

SELECNM
VERCR
VERENT
VERCRNM
SELACNM
GENCNME
CMBRKW
ADDPARM
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENGENC
PURPOSE: GENERATE CREATE CATEGORY COMMANDS FOR MEMBERS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENGENC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generate create category commands for all
relations in which the target entity is a member.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
MIGRATES-FLAG   DSPLY[X]
DEPENT-FLAG   DSPLY[X]
DEP-EC-LIST   RECRD

INCLUDE FILES:

ERRCDM
SRVRET
DEPECL
ERRPRO

ROUTINES CALLED:

SELECNM
VERENT
SELACNM
ADDPARM
GENCNM2
COPCKW
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENICOM
PURPOSE: GENERATE COMMANDS FOR INDEPENDENTS.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENICOM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine is called when a relation
is found in GENIND.

-

ARGUMENTS:

EC-DEP-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
NO-IND-ENT   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
MIN-NO-DEP-ENT   DSPLY[S9(9)]
MAX-NO-DEP-ENT   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
MIGRATES-FLAG   DSPLY[X]
FROM-MOD-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
FROM-EC-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

SELECNM
VERENT
GENRNME
MIGREL
ADDPARM
COPRKW
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENIND
PURPOSE: GENERATE CREATE RELATION COMMANDS FOR INDEPENDENTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENIND
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Generate create relation commands for all
relations in which the target entity is independent.

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
TO-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
DESC-FLAG   DSPLY[X]
MIGRATES-FLAG   DSPLY[X]
DEPENT-FLAG   DSPLY[X]
DEP-EC-LIST   RECRD

INCLUDE FILES:

ERRCDM
SRVRET
DEPECL
ERRPRO

ROUTINES CALLED:

FNDEC
GENICOM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENKEY
PURPOSE: GENERATE ALTER ENTITY ADD KEY COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENKEY
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

MODIFIED 7/24/89: ADDED LOGIC TO HANDLE KEY-TYPES

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
COMMENT-FLAG   DSPLY[X]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
SELKCM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENMAP
PURPOSE: GENERATE CREATE MAP TO FIELD, TO SET, OR DEFINE
         ALGORITHM   COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENMAP
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Either generate create map to field or create map
to set or call a routine to generate define
algorithm commands

-

ARGUMENTS:

TAG-NAME   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
DB-NAME   DSPLY[X(30)]
DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
PREF-NO   DSPLY[S9(9)]
MAP-TYPE   DSPLY[X(10)]
MAP-CLASS   DSPLY[X(30)]
MAP-CATEGORY   DSPLY[X(8)]
EC-NO   DSPLY[S9(9)]
MOD-TABLE   RECRD

INCLUDE FILES:

MDTBL
ERRPRO

ROUTINES CALLED:

GENTODF
GENTOST
GENCMPX
SELECNM
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENMENT
PURPOSE: CONTROLS CALLS TO GENERATE CREATE PARTITION, UNION,
       MAP COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENMENT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine calls a routines to: generate
create partition commands and create union
commands if specified by the copy map command.
Then calls a routine to start generating create
map commands.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
UNION-TABLE   RECRD
PART-FLAG   DSPLY[X]
UNION-FLAG   DSPLY[X]
MOD-TABLE   RECRD

INCLUDE FILES:

ERRCDM
UNTBL
MDTBL
ERRPRO

ROUTINES CALLED:

GENEHP
SELMTAG
GENEUN
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENMREL
PURPOSE: GENERATE CREATE MAP TO RELATION COMMANDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENMREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- ?

-

ARGUMENTS:

IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NAME   DSPLY[X(30)]
SET-ID   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
RT-ID-MEM   DSPLY[X(30)]
FIRST-FLAG   DSPLY[S9(9)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENMROJ
PURPOSE: GENERATE A CREATE MAP COMMAND FOR RECORD OUTER JOIN
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENMROJ
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NAME   DSPLY[X(30)]
ROJ-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ADDPARM
ERRPRO

ROUTINES CALLED:

VERROJ
ADDPARM
SELDBRT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENOA
PURPOSE: SELECT OWNED ATT FOR ENTITY AND CREATES OWNED ATT FOR
          CRT ENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENOA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS ALL THE OWNED ATTRIBUTES FOR A GIVEN ENTITY AND
GENERATES THE OWNED ATTRIBUTE CLAUSE FOR A CREATE ENTITY
COMMAND.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENPSB
PURPOSE: GENERATE NDDL PSB COMMANDS FOR A GIVEN HOST ID
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENPSB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM CPY1HST, THIS ROUTINE GENERATES
A 'DEFINE PSB' COMMAND FOR EVERY PSB NAME
FOUND IN PSB TABLE ASSOCIATED WITH A
GIVEN HOST ID.

ARGUMENTS:

HOST-ID   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ADDPARM
ERRCDM
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENREC
PURPOSE: BEGIN GENERATION OF DEFINE RECORD AND CALL GENFLD TO
         GENERATE REST
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENREC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine generates DEFINE RECORD <rec-name>
portion of DEFINE RECORD command, and if the
dbms is CODASYL or TOTAL calls SELDBAA to select
all areas associated with the db and record. Then
generates the "IN AREAS <area-name> WITH FIELDS"
portion of the command. Then calls GENFLD to select
all fields of the record and finish generating the
DEFINE RECORD command.

  -

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
RT-NO   DSPLY[S9(9)]
DBMS-NAME   DSPLY[X(30)]
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
SELDBAA
GENFLD
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENREL
PURPOSE: GENERATE CREATE RELATION ..MIGRATES..KEYWORD COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE RELATION COMMAND GIVEN THE RELATION CLASS
JOIN. IF THE RELATION IN THE FROM-MODEL IS COMPLETE,
GENERATES THE MIGRATES CLAUSE. IF KEYWORDS WERE NOT EXCLUDED
BY THE USER, GENERATES A KEYWORD CLAUSE.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
DEP-EC-NO   DSPLY[S9(9)]
DEP-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
IND-ENT   DSPLY[S9(9)]
MIN-DEP-ENT   DSPLY[S9(9)]
MAX-DEP-ENT   DSPLY[S9(9)]
KEYWRD-FLAG   DSPLY[9]

ROUTINES CALLED:

GENRNME
MIGREL
ADDPARM
GENRKW

DOCGROUP PS41100 Module Documentation

NAME: GENREL1
PURPOSE: CONTROLLING MODULE TO GENERATE CREATE RELATION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENREL1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Controlling module to generate create relation
with an optional migrates clause and alter entity add key
commands.

-

ARGUMENTS:

MOD-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
DEP-EC-NO   DSPLY[S9(9)]
DEP-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
NO-IND-ENT   DSPLY[S9(9)]
MIN-NO-DEP-ENT   DSPLY[S9(9)]
MAX-NO-DEP-ENT   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[X]
MIGRATES-FLAG   DSPLY[X]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

GENRNME
MIGREL
ADDPARM
COPRKW
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENRKW
PURPOSE: SELECT KEYWORDS FOR RELATION CREATES KW PHRASE FOR
         CREATE RC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENRKW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS ALL THE KEYWORDS FOR A GIVEN RELATION AND GENERATES
THE KEYWORD PHRASE FOR THE CREATE RELATION COMMAND.

ARGUMENTS:

RC-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENRNME
PURPOSE: FORMAT THE CREATE RELATION CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENRNME
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 Formats the CREATE RELATION clause.

ARGUMENTS:

IND-ENT   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
MIN-DEP-ENT   DSPLY[S9(9)]
MAX-DEP-ENT   DSPLY[S9(9)]
DEP-EC-NAME   DSPLY[X(30)]

ROUTINES CALLED:

ADDPARM

DOCGROUP PS41100 Module Documentation

NAME: GENSET
PURPOSE: GENERATE THE "DEFINE SET" NDDL COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENSET
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- GENERATE THE "DEFINE SET" NDDL COMMAND
USING INPUT PARAMETER, SET-NAME AND
RETRIEVING MEMBER/MEMBERS OF SET. IF
TOTAL DBMS GENERATE LINKED BY CLAUSE.
IF DESC-FLAG EQUAL "Y" CALL "GENDESC"
TO GENERATE DESCRIBE NDDL COMMAND FOR SET
-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DBMS-NAME   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
SET-NO   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
RT-OWNER   DSPLY[X(30)]
DESC-FLAG   DSPLY[X]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

ADDPARM
GETMEMB
UERROR
GETDFSL
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENTODF
PURPOSE: GENERATE TO FIELD PORTION OF CREATE MAP COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENTODF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- Select all df's from project_data_field given
db, rt, and tag, and for each one selected
generate to field portion of create map command

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-NAME   DSPLY[X(30)]
RT-ID   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENTOST
PURPOSE: GENERATE TO SET PORTION OF CREATE MAP COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENTOST
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-NAME   DSPLY[X(30)]
RT-ID   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GENVIEW
PURPOSE: COPY A USER SPECIFIED VIEW ID IN THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GENVIEW
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

CALLED FROM CPYVIEW AND GTVIEWS THIS SUBPROGRAM WILL
GENERATE A NDDL 'CREATE VIEW' COMMAND.
THE USER CAN ALSO GENERATE A 'DEFINE ALGORITHM' COMMAND
FOR ANY DATA ITEMS THAT ARE INPUT/OUTPUT PARAMETERS
TO A CONVERSION ALGORITHM AND A 'DESCRIBE' COMMAND FOR
THE VIEW ID IF ANY TEXTUAL DESCRIPTION EXISTS.

ARGUMENTS:

VIEW-ID   DSPLY[X(30)]
VIEW-NO   DSPLY[S9(9)]
DISTINCT-IND   DSPLY[X]
DESC-FLAG   DSPLY[X]
ALG-FLAG   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ADDPARM
ERRCDM
ECTBL
ERRPRO

ROUTINES CALLED:

ADDPARM
WRTDITM
UERROR
SELECXR
WRTSLCT
WRTWHCL
GENDESC
GENALG
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETACAL
PURPOSE: VERIFY THE EXISTANCE OF AN ALIAS FOR AN ATTRIBUTE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETACAL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   VERIFY THE EXISTANCE OF AN ALIAS NAME FOR AN
                  ATTRIBUTE CLASS

 SELECT THE ATTRIBUTE,QUALIFYING
ON THE UNIQUE ATTRIBUTE NUMBER,
ALIAS NAME TO BE
                  VERIFIED AND NAME TYPE BEING "ALIAS"

ARGUMENTS:

AC-NO   DSPLY[S9(9)]
ALIAS-ID   DSPLY[X(30)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DELACAL
UERROR
ERRPRO

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DOCGROUP PS41100 Module Documentation

NAME: GETCARD
PURPOSE: FETCH THE CARDINALITY VALUES OF A RELATION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETCARD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE IS CALLED BY ALTER RELATION.
FETCH THE CARDINALITY VALUES OF THE RELATION
GIVEN THE RC-NO

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
NO-IND-ENT   DSPLY[S9(9)]
MIN-NO-DEP-ENT   DSPLY[S9(9)]
MAX-NO-DEP-ENT   DSPLY[S9(9)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETCRID
PURPOSE: QUERIES CDM FOR INFORMATION ABOUT A RELATION CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETCRID
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DOES AN NDML SELECT TO RETRIEVE INFORMATION
ABOUT THE CATEGORY RELATION

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
GEN-EC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETCRNM
PURPOSE: RETRIEVE RELTION CLASS NAME, GENERIC ENTITY NAME
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETCRNM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE RETRIEVES THE GENERIC ENTITY CLASS NAME
RELATION NAME -

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
GEN-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

GETCRID
RETRECP
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETDBST
PURPOSE: RETURN INFORMATION ABOUT THE CURRENT SESSIONS'
         DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETDBST
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE RETURNS WITH INFORMATION ABOUT THE DATA BASE,
WHICH IS OBTAINED EITHER FROM THE PARSER LISTS OR FROM
INFORMATION WHICH IS GLOBALLY AVAILABLE.
EXTRACT THE DATA BASE NAME AND HOST NAME FROM THE PARSER
LIST. THEN, AFTER VERIFYING THAT THE DB DOES EXIST, FETCH
THE DBMS NAME. IF NOTHING WAS RETRIEVED FROM THE PARSER
LIST, THE CURRENT DATA BASE IS ASSUMED. NEXT, EXTRACT THE
SET ID OR MEMBER/OWNER ID DEPENDING ON WHETHER IT IS A SET
OR PATH.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
SET-ID   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
HOST-NAME   DSPLY[X(30)]
DBMS-NAME   DSPLY[X(30)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERDBAS
UERROR
CHGLOBL
GETGLOB
CPFNXT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETDFSL
PURPOSE: SELECT DATA FIELD NAME FOR SET LINKAGE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETDFSL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SELECT DATA FIELD NAME FROM DF_SET_LINKAGE
TABLE IN ORDER TO GENERATE THE "LINKED BY"
CLAUSE OF THE "DEFINE SET" NDDL COMMAND.
THIS CLAUSE IS GENERATED ONLY IF THE DBMS
OF THE DATABASE IS "TOTAL".

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-MEMBER   DSPLY[X(30)]
SET-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETDOM
PURPOSE: RETRIEVES DOMAIN NUMBER BASED ON TAG NAME FOR AUC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETDOM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

This routine will retrieve the domain number for a
tag name assigned to an attribute use class.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
TAG-NAME   DSPLY[X(30)]
DOM-NO   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETDRT
PURPOSE: FETCH DATA BASE, RECORD TYPE INFO FROM PARSER LISTS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETDRT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DBMS-NAME   DSPLY[X(30)]
RT-ID   DSPLY[X(30)]
RT-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE
UERROR
VERDBAS
VERRT

DOCGROUP PS41100 Module Documentation

NAME: GETDTN
PURPOSE: RETRIEVE THE DATA TYPE NAME OF AN ELEMENTARY FIELD
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETDTN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

        RETRIEVE FROM ELEMENTARY_DATA_FIELD THE
        THE DATA-TYPE-NAME

ARGUMENTS:

DF-NO   DSPLY[S9(9)]
OBJ-DATA-TYPE   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

SRVRET
ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETECAL
PURPOSE: VERIFIES THE EXISTANCE OF AN ALIAS FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETECAL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   VERIFY THE EXISTANCE OF ALIAS NAME FOR AN ENTITY

   SELECT THE ENTITY CLASS NAME, QUALIFYING
                        ON THE ENTITY NUMBER AND ALIAS NAME AS
                        NAME TYPE "ALIAS".

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
ALIAS-ID   DSPLY[X(30)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

DELECAL
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETECS
PURPOSE: USING ENTITY CLASS VERIFIES CHECK MODEL RULES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETECS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE USES THE ENTITY CLASSES TO HELP VERIFYING
CERTAIN RULES BEFORE A MODEL CAN BE MARKED AS "CHECKED".

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

CHKREL
CHKRELC
CHKKEYS
CHKATT
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETMEMB
PURPOSE: SELECT ALL MEMBERS OF A SET FOR A DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETMEMB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- SELECT THE MEMBER'S NAME AND REQ/OPT INDICATOR
OF A SET FOR A GIVEN DATABASE. GENERATE THE
MEMBER'S NAME CLAUSE OF THE "DEFINE SET"
NDDL COMMAND WITH A CALL TO ADDPARM.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
RT-MEMBER   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETRCID
PURPOSE: QUERIES CDM FOR INFORMATION ABOUT A RELATION CLASS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETRCID
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DOES AN NDML SELECT TO RETRIEVE INFORMATION
ABOUT THE RELATION CLASS.
MODIFIED 5/11/89: CHANGED TABLENAME RELATION_CLASS TO
LINK_RELATION

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETRCNM
PURPOSE: RETRIEVE RELTION CLASS NAME, IND AND DEP ENTITY NAMES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETRCNM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE RETRIEVES THE INDEPENDENT ENTITY CLASS NAME
RELATION NAME AND DEPENDENT ENTITY CLASS NAME -

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
RC-NAME   DSPLY[X(30)]
DEP-EC-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

GETRCID
RETRECP
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GETRDH
PURPOSE: RETURN WITH CURRENT SESSIONS' DATA BASE INFO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GETRDH
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE RETURNS WITH INFORMATION ABOUT THE DATA BASE
WHICH IS OBTAINED EITHER FROM THE PARSER LISTS OR FROM
INFORMATION WHICH IS GLOBALLY AVAILABLE.
EXTRACT THE DATA BASE NAME AND HOST NAME FROM THE PARSER
LIST. IF NO INFORMATION IS RETRIEVED, THE CURRENT DATA
BASE IS ASSUMED. ALSO, EXTRACT THE RECORD TYPE FROM THE
PARSER LIST.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
HOST-NAME   DSPLY[X(30)]
DBMS-NAME   DSPLY[X(30)]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
VERDBAS
UERROR
CHGLOBL
GETGLOB
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GTAUCPR
PURPOSE: SELECT AN AUC PARAMETER TO AN ALG CONVERSION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GTAUCPR
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM WRTALG, THIS ROUTINE WILL SELECT
AN AUC INPUT/OUTPUT PARAMETER TO AN
ALGORITHM CONVERSION.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
MOD-INST   DSPLY[S99]
USE-CODE   DSPLY[X]
AUC-PARM-NAME   DSPLY[X(30)]
EC-NAME   DSPLY[X(30)]
TAG-NAME   DSPLY[X(30)]
AUC-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GTCNTPR
PURPOSE: GENERATE A 'CONSTANT' PARAMETER LIST TO AN ALG
        CONVERSION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GTCNTPR
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM WRTALG, THIS ROUTINE GENERATES
A 'CONSTANT' LIST FOR THE DEFINE ALGORITHM
COMMAND.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
MOD-INST   DSPLY[S99]
USE-CODE   DSPLY[X]
CNST-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ADDPARM
ERRCDM
ERRPRO

ROUTINES CALLED:

ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GTDIPR
PURPOSE: SELECT A DATA ITEM PARAMETER TO AN ALG CONVERSION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GTDIPR
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM WRTALG, THIS ROUTINE WILL SELECT
A DATA ITEM INPUT/OUTPUT PARAMETER TO AN
ALGORITHM CONVERSION.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
MOD-INST   DSPLY[S99]
USE-CODE   DSPLY[X]
DI-PARM-NAME   DSPLY[X(30)]
VIEW-NAME   DSPLY[X(30)]
DITM-NAME   DSPLY[X(30)]
DI-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GTDTTYP
PURPOSE: RETURNS A TYPE-ID GIVEN A TAG-NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GTDTTYP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL SELECT THE TYPE-ID
FROM USER-DEF-DATA-TYPE GIVEN THE TAG-NO.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
TYPE-ID   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: GTVIEWS
PURPOSE: COPY ALL VIEWS IN THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: GTVIEWS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM CPYVIEW, THIS ROUTINE WILL COPY
ALL VIEW ID'S RETRIEVED FROM THE SEC
TABLE IN THE CDM.

ARGUMENTS:

DESC-FLAG   DSPLY[X]
ALG-FLAG   DSPLY[X]
VIEW-COUNT   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

GENVIEW
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: HPNLOOK
PURPOSE: VERIFIES ENTITY AND PARTITION NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: HPNLOOK
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

  CALLS "VERECN" TO VERIFY THAT USER ENTERED
ENTITY EXISTS, THEN CALLS "VERHPN" TO
VERIFY THAT USER ENTERED PARTITION NUMBER EXISTS.

- VERIFY THAT THE PARTITION AND
ENTITY EXIST ON THE CDM.

ARGUMENTS:

HP-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
LISTNOS
ERRPRO

ROUTINES CALLED:

CPFONE
CONVCPF
VERECN
UERROR
VERHPN
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ICOPATT
PURPOSE: INTERACTIVE COPY ATTRIBUTE, WITH
        KEYWORDS,ALIAS,DESCRS.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ICOPATT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE IS CALLED BY COPY ATTRIBUTE. IT COPIES AN
ATTRIBUTE EITHER WITHIN THE MODEL OR TO ANOTHER MODEL. IT
ALSO COPIES THE KEYWORDS, DESCRIPTIONS AND ALIASES IF THE
COMMAND SPECIFIES THIS REQUIREMENT.

ARGUMENTS:

MOD-NO   DSPLY[S9(9)]
AC-NAME1   DSPLY[X(30)]
AC-NAME2   DSPLY[X(30)]
DOM-NO   DSPLY[S9(9)]
OLD-AC-NO   DSPLY[S9(9)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
INTER-INTRA   DSPLY[X(5)]

INCLUDE FILES:

ERRPRO

ROUTINES CALLED:

BLDATT
UERROR
INSACNM
UWARN
WRTALI
WRTACKW
WRTDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ICOPENT
PURPOSE: INTERACTIVE COPY ENTITY WITH
          ATTRIBUTES,KEYWORDS,ALIAS,DESC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ICOPENT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 This routine copies an entity either within a model
or to another model.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
TO-EC-NAME   DSPLY[X(30)]
KW-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
FROM-EC-NO   DSPLY[S9(9)]
KEY-FLAG   DSPLY[9]
ATTR-FLAG   DSPLY[9]
NKEY-FLAG   DSPLY[9]

INCLUDE FILES:

UNIQENO
KCLIST
ERRPRO

ROUTINES CALLED:

GETNNUM
INSEC
UERROR
INSECNM
WRTECKW
WRTDESC
WRTENAM
COPYAC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INDFROM
PURPOSE: RETRIEVES RELATIONS,DETERMINES IND EC AND GENERATES
          NDDL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INDFROM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE SELECTS ALL THE RELATIONS IN WHICH THE
FROM-ENTITY IS AN INDEPENDENT ENTITY. IF THE SAME ENTITIES
EXIST IN THE TO-MODEL, BUT NOT THE RELATION, THEN CREATE
RELATION AND DESCRIBE COMMANDS ARE GENERATED FOR THE
FROM-RELATION.
MODIFIED 6/19/89: CHANGED TABLE NAME TO LINK RELATION AND
CALL TO VERLR FROM RELATION CLASS AND VERRC
RESPECTIVELY

ARGUMENTS:

FROM-EC-NO   DSPLY[S9(9)]
TO-EC-NO   DSPLY[S9(9)]
FROM-EC-NAME   DSPLY[X(30)]
TO-EC-NAME   DSPLY[X(30)]
FROM-MODEL-NO   DSPLY[S9(9)]
TO-MOD-NO   DSPLY[S9(9)]
KW-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
COMBINE-TYPE   DSPLY[9]
RCNO-LIST   RECRD

INCLUDE FILES:

SRVRET
RELTBL
ERRPRO

ROUTINES CALLED:

SELECNM
VERLR
VERENT
VERRCNM
GENRNME
MIGREL
CMBRKW
ADDPARM
GENDESC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INITRDL
PURPOSE: INITIALISE THE TABLE WHICH STORES A MODELS RELATIONS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INITRDL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

INITRDL initializes the RC-DEPKC table.
The table contains information for every relation in a model
in sequence by level, rc-no, and dep-ec-no.

ARGUMENTS:

RC-DEPKC-LIST   RECRD

INCLUDE FILES:

RCDEPKC

DOCGROUP PS41100 Module Documentation

NAME: INS1PSB
PURPOSE: NDML STATEMENT TO INSERT A PSB NAME / HOST ID
          ASSOCIATION
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INS1PSB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- PRODUCES A INSERT NDML STATEMENT TO
INSERT NEW PSB NAME/HOST ID VALUES
IN THE PSB TABLE

ARGUMENTS:

PSB-NAME   DSPLY[X(8)]
HOST-ID   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INS1ROJ
PURPOSE: NDML COMMAND TO INSERT INTO EC_RT_JOIN TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INS1ROJ
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

RC-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
RT-NO   DSPLY[S9(9)]
JOIN-TYPE   DSPLY[X(10)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSAISM
PURPOSE: INSERT A CS-IS MAPPING IN AUC_IS_MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSAISM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CREATE AN AUC MAPPING IN THE CDM

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
MAP-TYPE   DSPLY[X(10)]
MAP-CLASS   DSPLY[X(30)]
MAP-CATEGORY   DSPLY[X(8)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
CHKCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSAPRM
PURPOSE: INSERT AN OCCURRENCE INTO MODULE_PARAMETER TABLE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSAPRM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID, PARM_NAME
AND DATA_TYPE_NAME INTO
MODULE_PARAMETER TABLE.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
PARM-NAME   DSPLY[X(30)]
PARM-PURPOSE   DSPLY[X(60)]
DATA-TYPE-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSAREA
PURPOSE: NDML COMMMAND TO INSERT INTO DATA_BASE_AREA TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSAREA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
AREA-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSAUCS
PURPOSE: PROGRAM NAME   INSAUCS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSAUCS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CREATE AN AUC SET MAPPING IN THE CDM

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
OWNER-REC-NO   DSPLY[S9(9)]
SET-ID   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
NEW-AUC-VALUE   DSPLY[X(30)]
EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSCOPA
PURPOSE: INSERT CONSTANT INTO COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSCOPA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID ,ALG_USE_CODE
AND CONSTANT_VALUE INTO CONST_PARM.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
ALG-USE-CODE   DSPLY[X]
CONST-VAL   DSPLY[X(30)]
MOD-INSTANCE   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDAA
PURPOSE: INSERT AREA-ID INTO DB_AREA_ASSIGNMENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDAA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO DB_AREA_ASSIGNMENT
THE AREA-ID.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
AREA-ID   DSPLY[X(30)]
RT-ID   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDB
PURPOSE: NDML COMMAND TO INSERT INTO DATA_BASE TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-NAME   DSPLY[X(30)]
HOST-ID   DSPLY[X(30)]
DBMS-NAME   DSPLY[X(30)]
INT-NULL-VAL   DSPLY[X(30)]
CHA-NULL-VAL   DSPLY[X(30)]
NTM-DIR   DSPLY[XX]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDBH
PURPOSE: NDML STATEMENT TO INSERT IN DBMS_ON_HOST TABLE A
         DBMS/HOST ASSOCIATI
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDBH
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- PRODUCES AN INSERT NDML STATEMENT TO
INSERT INTO THE DBMS_ON_HOST TABLE
A DBMS / HOST ASSOCIATION.

ARGUMENTS:

DBMS-NAME   DSPLY[X(30)]
HOST-ID   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDBMS
PURPOSE: PRODUCES NDML STATEMENT TO ADD DBMS_NAME AND DB_MODEL
        TO THEDBMS TAB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDBMS
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- PRODUCES AN INSERT NDML STATEMENT TO
ADD A DBMS_NAME AND DB_MODEL TO THE
DBMS TABLE.

ARGUMENTS:

DBMS-NAME   DSPLY[X(30)]
DB-MODEL   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDESC
PURPOSE: INSERT A LINE OF DESCRIPTION TEXT INTO THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDESC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

EXT INTO THE CDM

DESCRIPTION :- This routine will insert a row into the CDM
table
desc_text.

ARGUMENTS:

OBJECT-TYPE   DSPLY[X(30)]
DESC-TYPE   DSPLY[X(30)]
TO-OBJ-NO   DSPLY[S9(9)]
DESC-LINE   DSPLY[X(79)]
LINE-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDFPA
PURPOSE: INSERT FIELD INTO COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDFPA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID ,ALG_USE_CODE
AND DF_NO INTO DF_PARM.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
ALG-USE-CODE   DSPLY[X]
OBJ-NO1   DSPLY[S9(9)]
OBJ-NO2   DSPLY[S9(9)]
MOD-INSTANCE   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDI
PURPOSE: INSERT A RECORD IN CDM TABLE DATA_ITEM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDI
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL INSERT AN OCCURENCE
INTO THE CDM TABLE DATA_ITEM.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
DI-NAME   DSPLY[X(30)]
DATA-TYPE-NAME   DSPLY[X(30)]
DI-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDIPA
PURPOSE: INSERT RECORD INTO COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDIPA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID ,ALG_USE_CODE
AND DI_NO INTO DI_PARM.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
ALG-USE-CODE   DSPLY[X]
OBJ-NO1   DSPLY[S9(9)]
MOD-INSTANCE   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDOM
PURPOSE: INSERT DOMAIN_CLASS OCCURRENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDOM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-INSERT INTO THE
DOMAIN_CLASS TABLE
DOMAIN NUMBER AND DOMAIN NAME.

ARGUMENTS:

DOM-NAME   DSPLY[X(30)]
DOM-NO   DSPLY[S9(9)]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDSCT
PURPOSE: INSERT USER-DEFINED DESCRIPTION TYPE IN THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDSCT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

YPE
(DESC_TYPE)
VALUES (:DESC-TYPE);

ARGUMENTS:

DESC-TYPE   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSDT
PURPOSE: INSERT OCCURRENCE OF USER DEFINED DATA TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSDT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-INSERT A RECORD INTO THE USER_DEF_DATA_TYPE
TABLE.   ALSO RETRIEVES THE NEXT AVAILABLE
USER DEFINED DATA TYPE NUMBER (USDF_DT_NO)
FROM CDM FOR INSERT.

ARGUMENTS:

DATA-TYPE-NAME   DSPLY[X(30)]
DOMAIN-NO   DSPLY[S9(9)]
TYPE-ID   DSPLY[X]
MAX-SIZE   DSPLY[S9(9)]
NO-OF-DEC   DSPLY[S9(9)]
DATA-TYPE-IND   DSPLY[XXXX]
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
ERRCDM
UNIQENO
ERRPRO

ROUTINES CALLED:

GETNNUM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSECRF
PURPOSE: STORE VIEW NO AND EC NO IN VIEW_EC_XREF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSECRF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL STORE EACH ENTITY CLASS
ASSOCIATION WITH A GIVEN VIEW NUMBER IN THE CDM.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSECRT
PURPOSE: CREATES AN ENTITY TO RECORD MAPPING IN THE CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSECRT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RT-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSHST
PURPOSE: PRODUCES NDDL STATEMENT TO ADD A HOST_ID AND HOST_NO
          TO THE HOST TAB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSHST
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

HOST TABLE.

ARGUMENTS:

HOST-ID   DSPLY[X(30)]
HOST-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSKC
PURPOSE: INSERT INTO THE CDM TABLE KEY_CLASS.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSKC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO THE CDM TABLE KEY_CLASS, A KEY
CLASS OCCURENCE FOR A SPECIFIED ENTITY.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
KC-NAME   DSPLY[X(30)]
EC-NO   DSPLY[S9(9)]
KC-TYPE   DSPLY[X(10)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPARM
PURPOSE: INSERT PARAMETER LIST INTO MODULE_PARAMETER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPARM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID PARM_NAME,
PARM_PURPOSE, PARM_DATA_TYPE_NAME
INTO MODULE_PARAMETER TABLE FROM EXTERNAL
TABLE

ARGUMENTS:

PARM-TABLE   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPART
PURPOSE: INSERT HORIZONTAL_PART OCCURENCE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPART
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO THE HORIZONTAL_PART TABLE
ENTITY, HORIZONTAL PARTITION AND
RECOR TYPE NUMBERS.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
RT-NO   DSPLY[S9(9)]
HP-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPCB
PURPOSE: NDML COMMAND TO INSERT INTO PSB_PCB ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPCB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
PSB-NAME   DSPLY[X(8)]
PSB-SEQ-NO   DSPLY[S9(9)]
KEY-FB-LEN   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPDF
PURPOSE: PROGRAM NAME   INSPDF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPDF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT A RECORD INTO PROJECT_DATA_FIELD

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
DF-ID   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
RT-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPDI
PURPOSE: INSERT A RECORD IN CDM TABLE PROJECT_DATA_ITEM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPDI
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL INSERT A RECORD INTO
THE CDM TABLE PROJECT_DATA_ITEM.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
DI-NO   DSPLY[S9(9)]
PRIM-SECND   DSPLY[X]
TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSPWRD
PURPOSE: NDML COMMAND TO INSERT INTO DB_PASSWORD TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSPWRD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-PASS   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSQCRF
PURPOSE: STORE AN OCCURENCE IN THE VIEW_QUALFIY_CRITERIA TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSQCRF
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL STORE EACH INSTANCE OF A
QUALIFICATION TEXT ITEM AS PART OF 'WHERE' CLAUSE FOR
'CREATE VIEW' COMMAND.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
QC-TEXT-NO   DSPLY[S9(9)]
QC-CONDITION-NO   DSPLY[S9(9)]
QC-TYPE   DSPLY[9]
QC-TEXT-ID   DSPLY[X]
QC-TEXT   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSQCTG
PURPOSE: STORE EACH ASSOCIATION OF AN ATTRIBUTE WITH A VIEW
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSQCTG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL STORE EACH ASSOCIATION
OF AN ATTRIBUTE WITH A GIVEN VIEW NUMBER IN THE CDM.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSRNG
PURPOSE: INSERT NEW RANGES INTO CDM DB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSRNG
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERTS INTO THE
DOMAIN_RANGE TABLE WITH VERIFIED
RANGES.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-RANGE   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSRTPA
PURPOSE: INSERT RECORD INTO COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSRTPA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID ,ALG_USE_CODE
AND RT_NO INTO RT_PARM.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
ALG-USE-CODE   DSPLY[X]
OBJ-NO1   DSPLY[S9(9)]
MOD-INSTANCE   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSRTYP
PURPOSE: INSERT RECORD NAME INTO RECORD_TYPE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSRTYP
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO RECORD_TYPE THE RECORD NAME (RT_ID)

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
RT-ID   DSPLY[X(30)]
RT-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSRULE
PURPOSE: INSERTS DISTRIBUTED RULES FOR AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSRULE
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
DISTR-UPDT-RULE   DSPLY[X(8)]
DISTR-RETR-RULE   DSPLY[X(8)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
CHKCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSSCH
PURPOSE: NDML COMMAND TO INSERT INTO SCHEMA_NAMES TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSSCH
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
SCHEMA-NAME   DSPLY[X(30)]
SUBSCHEMA-NAME   DSPLY[X(30)]
DB-LOCATION   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSSMOD
PURPOSE: INSERT AN OCCURRENCE INTO SOFTWARE_MODULE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSSMOD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT ALL META DATA FIELDS INTO
SOFTWARE_MODULE TABLE.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
LANG-NAME   DSPLY[X(10)]
MOD-TITLE   DSPLY[X(30)]
MOD-ABSTRACT   DSPLY[X(60)]
LATEST-REV-DATE   DSPLY[X(9)]
STATUS-IND   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSTGPA
PURPOSE: INSERT TAG INTO COMPLEX MAPPING ALGORITHM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSTGPA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT MOD_ID, PARM_ID ,ALG_USE_CODE
AND AUC_NO INTO AUC_PARM.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
PARM-ID   DSPLY[S9(9)]
ALG-USE-CODE   DSPLY[X]
OBJ-NO1   DSPLY[S9(9)]
MOD-INSTANCE   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSUNIN
PURPOSE: INSERT AN OCCURRENCE INTO ECRTUD TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSUNIN
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO ECRTUD TABLE THE VALUES
RECORD NUMBER
ENTITY NUMBER, DATA FIELD NUMBER,
UNION VALUE AND
COMPARISON OPERATOR.

ARGUMENTS:

RT-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
DF-NO   DSPLY[S9(9)]
UNION-VALUE   DSPLY[X(30)]
COMPARISON-OP   DSPLY[XX]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSVAL
PURPOSE: INSERT NEW DOMAIN VALUES INTO CDM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSVAL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-INSERT INTO THE
DOMAIN_VALUE TABLE WITH VERIFIED
VALUES.

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-VALUE   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

SRVRET
ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSVIEW
PURPOSE: INSERT A VIEW NAME IN CDM TABLE USER_VIEW
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSVIEW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL INSERT A VIEW NAME INTO
THE CDM TABLE USER_VIEW.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
VIEW-NAME   DSPLY[X(30)]
DISTINCT-IND   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: INSVMOD
PURPOSE: INSERT VERIFICATION MODULE NAME INTO CDM DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: INSVMOD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- INSERT INTO
VERIF_MODULE TABLE WITH
VERIFICATION MODULE NAME AFTER
THE VERIFICATION MODULE HAS BEEN
GENERATED.

MODIFIED MAR 16, 1988 TO SUPPORT FIOP'S

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
CRT-APNAME   DSPLY[X(10)]
VMODFILE   DSPLY[X(80)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KCINH
PURPOSE: INSERT AUC AND AN IAUC OCCURRENCE FOR THE SPECIFIC
         TAG
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KCINH
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE WILL SELECT EACH DEPENDENT ENTITY
WHERE THE KEY HAS MIGRATED TO. VERIFY THAT
THE TAG NAME TO BE PLACED IN THIS ENTITY DID
NOT PREVIOUSLY EXIST. THEN INSERT AN AUC
OCCURANCE AND AN IAUC OCCURANCE FOR THIS TAG.
- THIS ROUTINE WILL SELECT EACH DEPENDENT ENTITY
WHERE THE KEY HAS MIGRATED TO. VERIFY THAT THE
TAG NAME TO BE PLACED IN THIS ENTITY DID NOT
PREVIOUSLY EXIST USING THE VERATAG ROUTINE.
IF IT DOES NOT CURENTLY EXIST THEN INSERT AN
AUC OCCURRENCE USING THE INSAUC ROUTINE AND AN
IAUC OCCURRENCE USING THE INSIAUC ROUTINE.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]
TAG-NAME   DSPLY[X(30)]
AC-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

UNIQENO
ERRCDM
CHKCDM
EOD
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTOC
SQLOSQ
SQLADR
SQLAB1
SQLEXE
UERROR
SQLCLS
SQLAD1

SQLFCH
VERATAG
GETNNUM
INSAUC
INSIAUC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KCMADD
PURPOSE: DRIVER MODULE TO PROCESS AN ADD KEY CLASS MEMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KCMADD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS IS THE DRIVER ROUTINE WHICH WILL PROCESS
ADD KEY CLASS MEMBER CLAUSE OF THE NDDL COMMAND
ALTER ENTITY.

- THIS ROUTINE WILL PROCESS THE ADD KEY CLASS
                        MEMBER CLAUSE BY VERIFYING THAT THE TAG
EXISTS
IN THE ENTITY AND THEN VERIFYING THAT IT DOES
NOT ALREADY EXIST IN THE KEY. FINALLY, IT
WILL ADD THE TAG INTO THE KEY AND MIGRATE
THIS TAG TO ALL THE DEPENDENT ENTITIES.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
KC-NO   DSPLY[S9(9)]
KC-NAME   DSPLY[X(30)]
TAG-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VERATAG
VERTKCM
UERROR
INSKCM
KCINH
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KCMDRP
PURPOSE: DRIVER ROUTINE TO PROCESS DROP KEY CLASS MEMBER
         CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KCMDRP
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE IS THE DRIVER MODULE TO PROCESS
THE DROP KEY CLASS MEMBER CLAUSE OF THE NDDL
COMMAND ALTER ENTITY.

- AFTER VERIFYING THAT THE TAG EXISTS IN THE
ENTITY, VERIFY THAT THE TAG IS A MEMBER
OF THE KEY CLASS BEING ALTERED. ALSO, IT
MUST BE VERIFIED THAT THE TAG BEING DROPPED
IS NOT THE ONLY TAG IN THE KEY. FINALLY,
DELETE THE TAG FROM THE KEY CLASS AND
DELETE ALL INHERITED ATTRIBUTES OF THIS
TAG.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
KC-NO   DSPLY[S9(9)]
KC-NAME   DSPLY[X(30)]
TAG-NAME   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VTAGAUC
VERTKCM
DELAKCM
DMIGKKC
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KCMSUBS
PURPOSE: THIS IS THE DRIVER ROUTINE TO HANDLE KEY
         SUBSTITUTIONS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KCMSUBS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE IS THE DRIVER ROUTINE TO HANDLE
ALL KEY SUBSTITUTIONS.

- THIS ROUTINE WILL FIRST INITIALIZE ALL THE
LISTS THAT ARE USED TO HOLD THE INFORMATION
FOR UPDATING THE KEY CLASSES. THEN, BASED
ON EVALUATION OF THE NDDL COMMAND ALTER
ENTITY, IT WILL CALL VARIOUS SUBROUTINES
TO POPULATE THESE LISTS AND THEN PROCESS
THE CHANGES SPECIFIED TO THE KEY CLASS.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
KC-NO   DSPLY[S9(9)]
KC-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

LISTNOS
ERRCDM
ADDTGLS
DRPTGLS
UPDTGLS
ERRPRO

ROUTINES CALLED:

CPFONE
UERROR
VERATAG
VERTKCM
CPFNXT
FETITAG
KEYSUB
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KEYADS
PURPOSE: DRIVER MODULE TO PROCESS ADD, DROPS AND SUBSTITUTIONS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KEYADS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE IS THE DRIVER MODULE TO PROCESS
THE ALTER KEY CLAUSE OF THE NDDL COMMAND,
ALTER ENTITY.
MODIFIED 6/21/89: TO NOT ALLOW PRIMARY KEYS INVOLVED IN
CATEGORY RELATIONS TO BE ADDED OR SUBTITUTED
TO .

- THIS MODULE WILL DETERMINE WHAT SUB ROUTINES
TO CALL AFTER EVALUATING THE VARIOUS LISTS
THAT HAVE BEEN ASSEMBLED FROM THE PARCER
TO PROCESS THE ALTER ENTITY COMMAND.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
KC-NAME   DSPLY[X(30)]
KC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRCDM
ERRPRO

ROUTINES CALLED:

CPFONE
LOWUPP
CHKCAT
KCMSUBS
KCMADD
CPFNXT
KCMDRP
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KEYLOOK
PURPOSE: RETRIVES KEYCLASS NAME AND NUMBER BASED ON TAG NO
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KEYLOOK
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

MODIFIED 7/24/89: ADDED LOGIC TO HANDLE KEY-TYPE

ARGUMENTS:

NEW-EC-NO   DSPLY[S9(9)]
NEW-TAG-NO   DSPLY[S9(9)]
OLD-TAG-NO   DSPLY[S9(9)]
OLD-EC-NO   DSPLY[S9(9)]
KC-LIST   RECRD
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

SRVRET
UNIQENO
KCLIST
ERRPRO

ROUTINES CALLED:

TERKEY
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KEYSUB
PURPOSE: UPDATE THE CDM WITH ADD, DROPS AND SUBSTITUTIONS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KEYSUB
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE IS THE DRIVER MODULE FOR UPDATING THE
CDM WITH ADDS, DROP, AND SUBSTITUTIONS TO THE KEY
CLASSES. IT USES THREE TEMPORARY TABLES FOR HOLDING
THE VARIOUS INFORMATION USED FOR THE UPDATES.

- THIS ROUTINE WILL CALL VARIOUS MODULES IN ORDER
TO UPDATE THE CDM WITH KNEW KEY CLASS INFO.
IT USES THREE TABLES THAT HAVE BEEN PREVIOUSLY
POPULATED WITH THE SPECIFIC INFORMATION FOR THE
UPDATES SPECIFIED IN THE NDDL COMMAND ALTER
ENTITY.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
KC-NO   DSPLY[S9(9)]
ADD-TAG-LIST   RECRD
DROP-TAG-LIST   RECRD
UPD-TAG-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ADDTGLS
DRPTGLS
UPDTGLS
ERRPRO

ROUTINES CALLED:

MODAAUC
MODAKCM
MODIAUC
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: KYSTRUC
PURPOSE: DRIVER POPULATE C LISTS BY ADDING KEY INFO FOR DEP-EC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: KYSTRUC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

FOR EACH LEVEL OF RELATIONS IN FROM-MODEL FIND
THE KEY CLASSES FOR THE DEPENDENT ENTITY WHICH
CONTAIN ATTRIBUTES INHERITED VIA THE RELATION

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
RC-DEPKC-LIST
DEP-EC-LIST
DEPENT-FLAG

INCLUDE FILES:

ERRCDM
RCDEPKC
DEPECL
ERRPRO

ROUTINES CALLED:

ECSTRUC
DPKCLST
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: LDECLST
PURPOSE: LOAD AN INCOMING EC-NO INTO THE DEP-EC-LIST TABLE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: LDECLST
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
DEP-EC-LIST   RECRD
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

CHKCDM
ERRCDM
DEPECL
ERRPRO

ROUTINES CALLED:

UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: LOADESC
PURPOSE: LOADESC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: LOADESC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 LOADESC WILL TAKE THE DESCRIPTION FROM A EDIT FILE
AND HAVE IT LOADED INTO THE CDM
 -

EXT WILL BE DELETED FROM THE CDM
2) THE UPDATED / NEW TEXT WILL BE ADDED
3) THE EDIT FILE WILL BE DELETED

ARGUMENTS:

OBJECT-TYPE   DSPLY[X(30)]
OBJECT-NO   DSPLY[S9(9)]
DESC-TYPE   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
ERRFS
ERRPRO

ROUTINES CALLED:

WRDSFL
EDITCI
FILEINS
OPNFIL
CLSFIL
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MALTOAT
PURPOSE: Generate the alter entity command add owned attr.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MALTOAT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-       This routine is called from the prc mgenoa
            and generates the nddl commands necessary
            to alter an entity and add its owned attributes.

-       Given the tag-no and the ec-name, generate the
alter entity add owned attribute command.

ARGUMENTS:

EC-NAME   DSPLY[X(30)]
NKEY-FLAG   DSPLY[9]
OWNED-AC   DSPLY[X(30)]
OA-COUNTER   DSPLY[S9(9)]
TAG-NO   DSPLY[S9(9)]

INCLUDE FILES:

CHKCDM
ERRCDM
ERRPRO

ROUTINES CALLED:

VERKCM
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MAPADF
PURPOSE: PROGRAM NAME   MAPADF
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MAPADF
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM ADDMAP, THIS PROGRAM CALLS
SUBPROGRAMS WHICH ENFORCE AUC TO DATA
FIELD MAPPING RULES. IF NO RULES BROKEN,
THE MAPPING IS PERFORMED.

-

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
REC-NAME   DSPLY[X(30)]
DF-NAME   DSPLY[X(30)]
TAG-NAME   DSPLY[X(30)]
EC-NAME   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
PREF-NO   DSPLY[S9(9)]
EC-NO   DSPLY[S9(9)]
MAP-CLASS   DSPLY[X(30)]
MAP-CATEGORY   DSPLY[X(8)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VERMAPD
UERROR
VERTAG
VERDTFL
VERECRT
VALDTN
VERAIMR
INSAISM
INSPDF
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MAPAREC
PURPOSE: CALLS SUBPROGRAMS WHICH ENFORCE ENTITY TO RECORD
         MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MAPAREC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

ARGUMENTS:

DB-NAME   DSPLY[X(30)]
REC-NAME   DSPLY[X(30)]
EC-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VERDB
UERROR
VERRT
INSECRT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MAPAROJ
PURPOSE: CALLS SUBPROGRAMS WHICH ENFORCE RECORD OUTER JOIN
          MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MAPAROJ
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

ARGUMENTS:

DB-NAME   DSPLY[X(30)]
REC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VERDB
UERROR
VERRT
VERRCT
VERCRTC
VALROJ
SELCRDN
VERECRT
INS1ROJ
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MAPASET
PURPOSE: PROGRAM NAME   MAPASET
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MAPASET
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CALLED FROM ADDMAP, THIS PROGRAM CALLS
SUBPROGRAMS WHICH ENFORCE AUC TO SET
MAPPING RULES. IF NO RULES BROKEN,
THE MAPPING IS PERFORMED.

-

ARGUMENTS:

DB-NO   DSPLY[S9(9)]
SET-NAME   DSPLY[X(30)]
TAG-NO   DSPLY[S9(9)]
PREF-NO   DSPLY[S9(9)]
HZ-PART-FLAG   DSPLY[X]
STRING-VALUE   DSPLY[X(30)]
TAG-NAME   DSPLY[X(30)]
DB-NAME   DSPLY[X(30)]
EC-NO   DSPLY[S9(9)]
MAP-CLASS   DSPLY[X(30)]
MAP-CATEGORY   DSPLY[X(8)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

VERSMS
UERROR
VERRCBS
VERRT
VERECRT
CHKAUCV
VOMAPS
VERAIMR
INSAISM
INSAUCS
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MGENENT
PURPOSE: GENERATE A CREATE ENTITY..OWNED ATTRIBUTE..KEYWORD
          COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MGENENT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE ENTITY COMMAND GIVEN THE ENTITY CLASS
NO. AND NAME.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
KEYWRD-FLAG   DSPLY[9]
ATT-FLAG   DSPLY[9]
NKEY-FLAG   DSPLY[9]

ROUTINES CALLED:

ADDPARM
MGENOA
COPEKW

DOCGROUP PS41100 Module Documentation

NAME: MGENOA
PURPOSE: SELECT OWNED ATT FOR ENTITY AND CREATES OWNED ATT FOR
CRT ENT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MGENOA
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS ALL THE OWNED ATTRIBUTES FOR A GIVEN ENTITY AND
GENERATES THE OWNED ATTRIBUTE CLAUSE FOR A CREATE ENTITY
COMMAND.

ARGUMENTS:

EC-NO   DSPLY[S9(9)]
EC-NAME   DSPLY[X(30)]
NKEY-FLAG   DSPLY[9]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

MALTOAT
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MGENREL
PURPOSE: GENERATE CREATE RELATION ..MIGRATES..KEYWORD COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MGENREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATES A CREATE RELATION COMMAND GIVEN THE RELATION CLASS
JOIN. IF THE RELATION IN THE FROM-MODEL IS COMPLETE,
GENERATES THE MIGRATES CLAUSE. IF KEYWORDS WERE NOT EXCLUDED
BY THE USER, GENERATES A KEYWORD CLAUSE.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]
IND-EC-NAME   DSPLY[X(30)]
DEP-EC-NO   DSPLY[S9(9)]
DEP-EC-NAME   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]
RC-NAME   DSPLY[X(30)]
IND-ENT   DSPLY[S9(9)]
MIN-DEP-ENT   DSPLY[S9(9)]
MAX-DEP-ENT   DSPLY[S9(9)]
KEYWRD-FLAG   DSPLY[9]
MIGRATES-FLAG   DSPLY[9]

ROUTINES CALLED·

GENRNME
MIGREL
ADDPARM
GENRKW

DOCGROUP PS41100 Module Documentation

NAME: MIGREL
PURPOSE: GENERATE A MIGRATES CLAUSE FOR A CREATE RELATION
          COMMAND
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MIGREL
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATE A MIGRATES CLAUSE FOR A CREATE RELATION COMMAND IF
THE RELATION IN THE FROM-MODEL IS COMPLETE.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
IND-EC-NO   DSPLY[S9(9)]
RC-NO   DSPLY[S9(9)]
DEP-EC-NO   DSPLY[S9(9)]

ROUTINES CALLED:

VERRCC
NEXTKC
ADDPARM
SELIAUC

DOCGROUP PS41100 Module Documentation

NAME: MKRNLS1
PURPOSE: FETCH LIST OF RENAME PAIRS FOR CATEGORY
        MEMBER..SET..CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MKRNLS1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   GETS THE LIST OF RENAME PAIRS SPECIFIED BY THE
USER ON THE "SET RENAME-LIST" PORTION OF AN
"CATEGORY MEMBER SET" CLAUSE. THE SET PHRASE IS
OPTIONAL. IF OMITTED, NUM-OF-PAIRS IS SET TO
ZERO.

-

MODIFICATION HISTORY - 1/18/90 BY RICHARD STEWART - FIXED
ERROR OF
CALLING CPFNXT AN ADDITIONAL TIME

ARGUMENTS:

REN-LIST   RECRD
KC-NO   DSPLY[S9(9)]
RETRN-CODE   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRCDM
RENLIST

ROUTINES CALLED:

CPFVAL
UERROR
CPFNXT
VERKCMG

DOCGROUP PS41100 Module Documentation

NAME: MKRNLST
PURPOSE: FETCH LIST OF RENAME PAIRS FOR MIGRATES..SET..CLAUSE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MKRNLST
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   GETS THE LIST OF RENAME PAIRS SPECIFIED BY THE
USER ON THE "SET RENAME-LIST" PORTION OF AN
"ADD MIGRATES" CLAUSE.   THE SET PHRASE IS
OPTIONAL.   IF OMITTED, NUM-OF-PAIRS IS SET TO
ZERO.

   -

ARGUMENTS:

REN-LIST   RECRD
KC-NO   DSPLY[S9(9)]
RETRN-CODE   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRCDM
RENLIST

ROUTINES CALLED:

CPFONE
UERROR
CPFNXT
VERKCMG

DOCGROUP PS41100 Module Documentation

NAME: MODAAUC
PURPOSE: UPDATE THE TAG NAME GIVEN THE TAG NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODAAUC
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE WILL UPDATE THE TAG NAME GIVEN
THE TAG NUMBER IN ATTRIBUTE USE CLASS FOR A
GIVEN ENTITY.

- UPDATE THE TAG NAME OF ATTRIBUTE USE CLASS
GIVEN THE OLD TAG NUMBER AND THE NEW TAG NAME.

ARGUMENTS:

NEW-TAG-NAME   DSPLY[X(30)]
OLD-TAG-NUMBER   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLWNR
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODACEC
PURPOSE: ALTER OWNERSHIP OF AN ATTRIBUTE TO A NEW ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODACEC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- MODACEC WILL ALTER THE OWNERSHIP OF AN
ATTRIUBTE TO A NEW ENTITY- UPDATE THE CDM TABLE
OWNED_ATTRIBUTE.

ARGUMENTS:

AC-NO-OLD   DSPLY[S9(9)]
EC-NO-NEW   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODAISM
PURPOSE: PROGRAM NAME ˉ MODAISM
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODAISM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- CHANGE AN AUC MAPPING PREFERENCE
IN THE CDM.

ARGUMENTS:

TAG-NO   DSPLY[S9(9)]
PREF1-NO   DSPLY[S9(9)]
MAP-CLASS   DSPLY[X(30)]
MAP-CATEGORY   DSPLY[X(8)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
CHKCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODAKCM
PURPOSE: UPDATE KCM TO SHOW THAT A KEY CLASS HAS A NEW MEMBER.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODAKCM
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL UPDATE THE CDM TABEL
KEY_CLASS_MEMBER TO REFLECT THAT A KEY
CLASS HAS A NEW MEMBER, REPLACING AN
EXISTING KEY CLASS MEMBER.

- THIS ROUTINE WILL USE EMBEDDED SQL TO UPDATE
THE TABLE KEY_CLASS_MEMBER BY QUALIFYING
ON THE KEY CLASS NUMBER AND THE TAG-NO TO
BE REPLACED.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
ADD-TAG-NO   DSPLY[S9(9)]
DROP-TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SCLOSQ
SQLADP
SQLAB1
SQLEXE
SQLWNR
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODATT
PURPOSE: DRIVER TO GENERATE NDDL COMMANDS FOR ATTRIBUTES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODATT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-        This routine will select all attributes NOT OWNED
in the from model call a routine and generate
nddl commands to create the attribute, its
keywords, alias, and descriptions in the to-model.

- After selecting all the relevant info
this routine calls a cobol routine
to generate the actual nddl commands.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]

INCLUDE FILES:

SRVRET
ERRPRO

ROUTINES CALLED:

CREATTR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODAUCE
PURPOSE: MODIFY THE ATTRIBUTE USE OCCURENCE TO A DIFFERENT
         ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODAUCE
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- MODAUCE WILL MODIFY THE ATTRIBUTE USE OCCURENCE
TO A DIFFERENT ENTITY. UPDATE THE CDM TABLE ATTRIBUTE_USE_CL

ARGUMENTS:

TAG-NO-OLD   DSPLY[S9(9)]
EC-NO-NEW   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLWNR
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODDBAL
PURPOSE: MODIFY HOST ID, NULL VALUE, NTM DIRECTORY OF DATABASE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODDBAL
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ROUTINE TO MODIFY THREE VARIABLES IN THE DATA_BASE TABLE:
HOST ID, NULL VALUE, AND NTM DIRECTORY.
UPDATE THE HOST, NULL, AND NTM VALUES IN THE CDM TABLE
DATA_BASE.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
HOST-ID   DSPLY[X(30)]
DBMS-NAME   DSPLY[X(30)]
INT-NULL-VALUE   DSPLY[X(30)]
CHA-NULL-VALUE   DSPLY[X(30)]
NTM-DIR   DSPLY[XX]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODENT
PURPOSE: GENERATE THE NDDL COMMANDS TO CREATE AN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODENT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- This routine will control the processing
              of generating the nddl commands to create
              an entity its keyword, owned attributes,
              aliases, and descriptions in the to model.

ARGUMENTS:

FROM-MODEL-NO   DSPLY[S9(9)]
FROM-MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
ATT-FLAG   DSPLY[9]
NKEY-FLAG   DSPLY[9]
DEP-FLAG   DSPLY[9]
DEP-EC-LIST   RECRD

INCLUDE FILES:

ERRCDM
SRVRET
DEPECL
ERRPRO

ROUTINES CALLED:

WRTENT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODIAUC
PURPOSE: UPDATE IAUC TO SHOW THAT A TAG IS INH FROM A NEW AUC.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODIAUC
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS ROUTINE WILL UPDATE THE CDM TABEL
INHERITED_ATT_USE TO REFLECT THAT A TAG
IS INHERITED FROM A NEW ATTRIBUTE USE
CLASS.   THE KEY CLASS ASSOCIATED REMAINS
THE SAME.

- THIS ROUTINE WILL USE EMBEDDED SQL TO UPDATE
THE TABLE INHERITED_ATT_USE_CLASS BY QUALIFYING
ON THE KCM-TAG-NO TO BE REPLACED.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
ADD-KCM-TAG-NO   DSPLY[S9(9)]
DROP-KCM-TAG-NO   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
EOD
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLWNR
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODKC
PURPOSE: SELECT AND STORE KEY CLASS INFO FOR A GIVEN ENTITY
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODKC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

SELECTS THE KEY CLASSES AND KEY CLASS MEMBERS FOR EACH ENTITY
IN THE FROM-MODEL AND CALLS A ROUTINE TO BUILD THE UNBOUNDED
KEY-CLASS-LIST STRUCTURE.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
DEP-FLAG   DSPLY[9]
DEP-EC-LIST   RECRD

INCLUDE FILES:

SRVRET
DEPECL
ERRPRO

ROUTINES CALLED:

FNDEC
AKCROW
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODKCNM
PURPOSE: UPDATE THE KEY CLASS NAME GIVEN THE KEY CLASS NUMBER
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODKCNM
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE WILL UPDATE THE KEY CLASS NAME
OF KEY CLASS GIVE THE KEY CLASS NUMBER
USING EMBEDDED SQL.

- USING THE OLD KEY CLASS NUMBER, THIS PROCEDURE
UPDATE OR CHANGE THE KEY CLASS NAME SPECIFIED
IN THE NDDL COMMAND ALTER ENTITY.

ARGUMENTS:

KC-NO   DSPLY[S9(9)]
NEW-KC-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLWNR
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODLOC
PURPOSE: NDML COMMAND TO MODIFY DATA BASE LOCATION FOR A
         CODASYL DB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODLOC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE IS THE NDML COMMAND TO MODIFY THE DATA BASE
LOCATION IN THE CDM SCHEMA_NAMES TABLE.
BASED ON THE DATA BASE ID UPDATE THE DATA BASE
LOCATION VALUE.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-LOCATION   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODOATT
PURPOSE: DRIVER TO GENERATE NDDL COMMANDS FOR OWNED ATTRIBUTES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODOATT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-       This routine will select all owned attributes
in the from model call a routine and generate
nddl commands to create the attribute, its
keywords, alias, and descriptions in the to-model.

- After selecting all the relevant info
this routine calls a cobol routine
to generate the actual nddl commands.

ARGUMENTS:

FROM-MOD-NO   DSPLY[S9(9)]
FROM-MOD-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
NKEY-FLAG   DSPLY[9]
DEP-FLAG   DSPLY[9]
DEP-EC-LIST   RECRD

INCLUDE FILES:

SRVRET
DEPECL
ERRPRO

ROUTINES CALLED:

WRTOAT
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODPCB
PURPOSE: NDML COMMAND TO MODIFY PCB FOR AN IMS DB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODPCB
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE PRODUCES AN NDML STATEMENT TO UPDATE THE
PSB NAME, PSB SEQUENCE NUMBER, AND THE KEY FEEDBACK
LENGTH ASSOCIATED WITH AN IMS DATABASE IN THE PSB_PCB
TABLE OF THE CDM.
UPDATE THE PSB NAME, PSB SEQUENCE NUMBER, AND KEY FEEDBACK
LENGTH
BASED ON THE DATABASE ID.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
PSB-NAME   DSPLY[X(8)]
PSB-SEQ-NO   DSPLY[9(5)]
KEY-FEEDBACK-LEN   DSPLY[9(5)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODPWRD
PURPOSE: NDML COMMAND TO MODIFY DATABASE PASSWORD FOR AN
         ORACLE DB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODPWRD
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE IS THE NDML COMMAND TO MODIFY THE DATA BASE
PASSWORD IN THE CDM DB_PASSWORD TABLE.
BASED ON THE DATA BASE_ID UPDATE THE DATA BASE
PASSWORD VALUE.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
DB-PASSWORD   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODRCKC
PURPOSE: SELECTIVELY POPULATE THE RC-DEPKC-LIST TABLE BY
         ADDING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODRCKC
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

FOR EACH LEVEL OF RELATIONS IN FROM-MODEL FIND
THE KEY CLASSES FOR THE DEPENDENT ENTITY WHICH
CONTAIN ATTRIBUTES INHERITED VIA THE RELATION
AND CALL ROUTINES TO POPULATE THE RC-DEPKC-LIST
TABLE.
MODIFIED 9/7/89: CHANGED BECAUSE OF RC-DEPKC-LIST TABLE CHANGES
THAT WERE REQUIRED BECAUSE OF CATEGORY RELATIONS

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

KEYLIST
ERRCDM
RCDEPKC
DEPECL
ERRPRO

ROUTINES CALLED:

INITRDL
STARTBL
FNDEC
SELIKEY
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODREL
PURPOSE: GENERATE NDDL COMMANDS TO CREATE RELATIONS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODREL
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

GENERATE NDDL COMMANDS TO CREATE RELATIONS FOR EACH
LEVEL IN FROM-MODEL. MIGRATE ATTRIBUTES AND ADD THE
KEY CLASSES FOR EACH DEPENDENT ENTITY IN THE LEVEL.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
MIGRATES-FLAG   DSPLY[9]
KEY-FLAG   DSPLY[9]
DEP-FLAG   DSPLY[9]
HOLD-RC-INDEX   DSPLY[9999]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

KEYLIST
ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLAD1
SQLFCH
UERROR
FNDRCEC
SELECNM
MGENREL
GENDESC
ALLKEY
ERRPRO

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DOCGROUP PS41100 Module Documentation

NAME: MODREL1
PURPOSE: MODREL1: FOR EACH LEVEL OF RELATIONS IN FROM-MODEL
          GENERATE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODREL1
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
MIGRATES-FLAG   DSPLY[9]
KEY-FLAG   DSPLY[9]
DEP-FLAG   DSPLY[9]
HOLD-RC-INDEX   DSPLY[9999]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTFL
SQLOPN
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLAD1
SQLFCH
UERROR
SELECNM
SELACNM
GENCNM1
ADDPARM
COPCKW
GENDESC
FNDRCEC
ALLKEY
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODRELA
PURPOSE: MODRELA: DRIVER MODULE FOR EACH LEVEL OF RELATIONS IN
         FROM-MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODRELA
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
MODEL-NAME   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
MIGRATES-FLAG   DSPLY[9]
KEY-FLAG   DSPLY[9]
DEP-FLAG   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
EOD
RCDEPKC
ERRPRO

ROUTINES CALLED:

ADDPARM
MODREL1
MODREL
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MODSCH
PURPOSE: NDML COMMAND TO MODIFY SCHEMA & SUBSCHEMA FOR A
         CODASYL DB
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MODSCH
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

THIS ROUTINE IS THE NDML COMMAND TO MODIFY THE SCHEMA
NAME AND THE SUBSCHEMA NAME IN THE CDM SCHEMA_NAMES TABLE.
BASED ON THE DATA BASE ID UPDATE THE SCHEMA NAME AND
SUBSCHEMA NAME VALUES.

ARGUMENTS:

DB-ID   DSPLY[S9(9)]
SCHEMA-NAME   DSPLY[X(30)]
SUBSCHEMA-NAME   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MRGMOD
PURPOSE: MERGE TWO IDEF MODELS INTO ONE
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MRGMOD
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC FOR THE MERGE
MODEL COMMAND NDDL STATEMENTS ARE GENERATED ON A FILE TO
POPULATE MODEL-3 WITH EVERYTHING CONTAINED IN MODEL-1 AND
MODEL-2, IF THREE MODEL NAMES ARE LISTED. IF ONLY TWO MODELS
ARE LISTED ON THE COMMAND, MODEL-1 IS POPULATED WITH
EVERYTHING IN MODEL-2, COMBINING IF NEEDED.

INCLUDE FILES:

LISTNOS
ECLIST
RCDEPKC
ERRPRO

ROUTINES CALLED:

CPFONE
CPFNXT
EXCFLAG
VERMOD
UERROR
NFLOPEN
ADDPARM
MRGMOD1
BLKCLST
MRGNODE
MRGMOD2
NFLCLOS
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MRGMOD1
PURPOSE: COPY MODEL-1 INTO A NEW MODEL (MODEL-3)
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MRGMOD1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE GENERATES THE NDDL STATEMENTS TO POPULATE
MODEL-3 (TO-MODEL) WITH THE ENTITIES, ATTRIBUTES, RELATIONS,
KEY CLASS IS ETC. FROM MODEL-1.

ARGUMENTS:

MOD-NO1   DSPLY[S9(9)]
MOD-NAME1   DSPLY[X(30)]
KW-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RETURN-STATUS   DSPLY[S9(9)]
RC-DEPKC-LIST   RECRD

INCLUDE FILES:

RCDEPKC
ERRPRO

ROUTINES CALLED:

ALLATT
ALLENT
BLKCLST
TOPNODE
ALLREL
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: MRGMOD2
PURPOSE: PROCESS REMAINING MODEL_2 ENTITIES.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: MRGMOD2
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

CONTROLS THE LOGIC FOR PROCESSING THE REMAINING MODEL
2 ENTITIES, ETC.   IN HIERARCHICAL ORDER BY LEVEL AND
DEP_EC_NO, GENERATE THE NDDL STATEMENTS TO EITHER
COMBINE ENTITIES OR RELATIONS IN MODEL_2.
CHANGED FROM A .PC TO A .PCO TO .COB - LOGIC REQUIRED NOW
ALLOWS
THIS MODULE TO BE A .COB   --- 9/19/89

ARGUMENTS:

MOD-NO1   DSPLY[S9(9)]
MOD-NAME1   DSPLY[X(30)]
MOD-NO2   DSPLY[S9(9)]
MOD-NAME2   DSPLY[X(30)]
KEYWORD-FLAG   DSPLY[9]
ALIAS-FLAG   DSPLY[9]
DESC-FLAG   DSPLY[9]
RC-DEPKC-LIST   RECRD
EC-LIST
RETURN-STATUS

INCLUDE FILES:

ERRCDM
EOD
KEYLIST
DEPECL
RCDEPKC
ECLIST
ERRPRO

ROUTINES CALLED:

BLRCKC
SELECNM
VERENT
CKDUPEC
GENENT1
GETRCID

VERRCNM
MODREL
ADDPARM
GETCRID
VERCRNM
MODREL1
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: NCOMMIT
PURPOSE: PERFORM THE NDML COMMIT
LANGUAGE: VAX-11 COBOL
SOURCE FILE: NCOMMIT
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

     WHEN CALLED THIS ROUTINE WILL ISSUE THE NDML COMMIT
IN ORDER TO POST ANY CHANGES MADE BY THE REQUEST
     PROCESSORS.

ARGUMENTS:

RETCODE   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: NEWTAGM
PURPOSE: POPULATE TABLE NEW-TAG-MIGRATION-TBL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: NEWTAGM
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- THIS MODULE WILL POPULATE THE TABLE
NEW-TAG-MIGRATION-TBL WITH THE FOLLOWING INFO:
a) KEY MIGRATION TO ALL DEPENDENT ENTITIES VIA A
RELATION OF A SPECIFIED KEY OF THE INDEPENDENT
ENTITY.
b) A COUNT OF HOW MANY TIMES THE KEY MIGRATES TO THE
SAME DEPENDENT ENTITY.

-

ARGUMENTS:

KC-NO-OF-IND-ENT   DSPLY[S9(9)]
NEW-TAG-MIGRATION-TBL   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
CHKCDM
EOD

NEWTAGT
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLBS1
SQLSCH
SQLSCC
SQLTOC
SQLOSQ
SQLADR
SQLAB1
SQLEXE
SQLAD1
SQLFCH
SQLCLS
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: NROLBAK
PURPOSE: PERFORM THE NDML ROLLBACK
LANGUAGE: VAX-11 COBOL
SOURCE FILE: NROLBAK
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-
        WHEN CALLED THIS ROUTINE WILL ISSUE THE NDML ROLLBACK
IN ORDER TO UNDO ANY CHANGES MADE BY THE REQUEST
        PROCESSORS.

ARGUMENTS:

RETCODE   DSPLY[S9(9)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: OLDTAGM
PURPOSE: POPULATE THE TABLE OLD-TAG-MIGRATION-TABLE.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: OLDTAGM
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- OLDTAGM POPULATES OLD-TAG-MIGRATION-TABLE
WITH THE FOLLOWING INFO, IF ANY:
1) THE DEPENDENT ENTITIES THAT A SPECIFIED AUC MIGRATES TO,
VIA A RELATION AND KEY CLASS.
2) IF THE DEPENDENT ENTITY IT MIGRATES TO IS THE SAME AS THE
NEW OWNER ENTITY (EC-NO-NEW),
a) INCREMENT THE MIGRATES COUNTER
b) DETERMINE IF THIS INHERITED AUC IS A KEY MEMBER IN THE
DEPENDENT ENTITY, AND IF IT IS KEY, RETURN THE INFOR-
MATION IN THE OUTPUT PARAMETERS.
MODIFIED 6/22/89 : TO INCLUDE CATEGORY RELATIONS

ARGUMENTS:

EC-NO-OLD   DSPLY[S9(9)]
EC-NO-NEW   DSPLY[S9(9)]
TAG-NO-OLD   DSPLY[S9(9)]
LINK-OLD-MIG-TO-NEW-COUNT   DSPLY[S9(9)]
CAT-OLD-MIG-TO-NEW-COUNT   DSPLY[S9(9)]
OLD-TAG-MIGRATION-TBL   RECRD
KEY-FOUND-IN-NEW-OWNER-FLAG   DSPLY[X]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
SRVRET
OLDTAGT
ERRPRO

ROUTINES CALLED:

SELKCMA
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: ORALON
PURPOSE: LOGIN TO ORACLE (COMPATIBILTY WITH SQL LOGON)
LANGUAGE: VAX-11 COBOL
SOURCE FILE: ORALON
SOURCE FILE TYPE: PCO
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

-

PERFORM CONNECT

ARGUMENTS:

CDMUID   DSPLY[X(20)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

SQLSCA
SQLADR
SQLLO1
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: OUTDESC
PURPOSE: PROGRAM NAME   OUTDESC
LANGUAGE: VAX-11 COBOL
SOURCE FILE: OUTDESC
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- OUTDESC RETRIEVES DESCRIPTION INFORMATION
FROM THE CDM.

8/8/88:   MODIFIED TO SUPPORT FIOPS
-
ARGUMENTS:

OBJECT-TYPE   DSPLY[X(30)]
DESC-TYPE   DSPLY[X(30)]

INCLUDE FILES:

ERRCDM
ERRPRO

ROUTINES CALLED:

OPNFIL
CLSFIL
OUTFIL
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: P1FROM
PURPOSE: CREATE A VIEW USING A SINGLE ENTITY CLASS(
         ES-CS-MAPPING)
LANGUAGE: VAX-11 COBOL
SOURCE FILE: P1FROM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   VERIFIES THE RELATION STRUCTURE AND POPULATE THE
ES TO CS MAPPING WHEN CREATING A VIEW USING A
SINGLE ENTITY CLASS.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
VIEW-DATA-ITEM-LIST   RECRD
VIEW-RETRIEVE-LIST   RECRD
VIEW-FROM-LIST   RECRD
CS-QUAL-CRITERIA-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
VWDI
VWRETR
VWFROM
CSQCLST

ROUTINES CALLED:

ALLVIEW
SMVIEW
CHKDOMS

DOCGROUP PS41100 Module Documentation

NAME: PNOFROM
PURPOSE: PROCESS A VIEW COMMAND FOR MULTIPLE ENTITY CLASSES
LANGUAGE: VAX-11 COBOL
SOURCE FILE: PNOFROM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   PNOFROM VERIFIES THE ENTITY CLASS AND DOMAIN FOR
ALL DATA ITEMS NAMED IN THE DATA ITEM CLAUSE OF
CREATE VIEW COMMAND WHEN MORE THAN 1 ENTITY CLASS
IS SELECTED.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
VIEW-RETRIEVE-LIST   RECRD
VIEW-DATA-ITEM-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
VWRETR
VWDI

ROUTINES CALLED:

UERROR
VERENT
CHKDOMS

DOCGROUP PS41100 Module Documentation

NAME: PRESMIG
PURPOSE: PRESERVES MIGRATION OF KEYS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: PRESMIG
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- WHEN THE OLD OWNER ENTITY MIGRATES TO
THE NEW OWNER, AND THE INHERITED ATTRIBUTE ALREADY BELONGS
IN THE KEY SPECIFIED BY THE USER, FURTHER MIGRATIONS
OF THIS INHERITED ATTRIBUTE WILL BE PRESERVED. THIS
PRESERVATION IS ALSO NECCESSARY IF THE USER DID NOT
SPECIF A KEY IN THE "AS MEMBER CLAUSE". ALL
OTHER MIGRATIONS OF THE OLD OWNER TO EVERY OTHER
DEPENDENT ENTITY WILL BE DROPPED.

-

ARGUMENTS:

OLD-TAG-MIGRATION-TBL   RECRD
TAG-NO-OLD   DSPLY[S9(9)]
EC-NO-NEW   DSPLY[S9(9)]
KC-NO-NEW   DSPLY[S9(9)]
KC-NAME-LST   DSPLY[X(30)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

CHKCDM
ERRCDM
OLDTAGT
ERRPRO

ROUTINES CALLED:

DELKCMT
DELAUCL
UWARN
DMIGKRC
DELIAUC
DMIGKKC
DELAKCM
UERROR
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: PROCDT
PURPOSE: PROCESS DATA TYPES FOR DOMAINS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: PROCDT
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

MODIFIED 8/9/89 LOGIC WAS ADDED TO HANDLE NEW DATA TYPES
(INT,SMALLINT,REAL,DOUBLE PRECISION,CHAR,
VARCHAR,DECIMAL,DEC)
12/19/89 - LOGIC ADDED FOR NEW DATATYPE OF OVERPUNCH

ARGUMENTS:

DOM-NO   DSPLY[S9(9)]
DOM-NAME   DSPLY[X(30)]
STD-DT-CHANGED   DSPLY[X]

INCLUDE FILES:

LISTNOS
ERRCDM

ROUTINES CALLED:

CPFONE
LOWUPP
CPFNXT
CPFCOR
VERTYP
UERROR
ADDDT
DRPDT
ALTDT

DOCGROUP PS41100 Module Documentation

NAME: PROCPRM
PURPOSE: PROCESS PARAMETER TO BE ADDED TO PARAMETER LIST
LANGUAGE: VAX-11 COBOL
SOURCE FILE: PROCPRM
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

- RETRIEVE PARAMETERS TO BE DDED FROM
PARSER AND INSERT THEM INTO THE CORRECT
POSITION OF THE PARAMETER LIST.

ARGUMENTS:

MOD-ID   DSPLY[X(10)]
AFT-BEF-VALUE   DSPLY[X(6)]
PARM-TABLE   RECRD
NO-OF-TIMES   DSPLY[S9(9)]
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
ISTNOS

ROUTINES CALLED:

CPFNXT
CPFVAL
ADDPRMS
LOWUPP
UERROR

DOCGROUP PS41100 Module Documentation

NAME: RACKW2
PURPOSE: COMPARES ATTRIBUTE CLASS KEYWORDS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RACKW2
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DOES A SEQUENTIAL SEARCH COMPARING ATTRIBUTE
CLASS KEYWORDS OF TWO MODELS TO FIND A MATCH. IF A MATCH
IS FOUND, IT IS REPORTED TO THE USER.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
KW-TABLE   RECRD

INCLUDE FILES:

SRVRET
KWDTBL
ERRPRO

ROUTINES CALLED:

RETRACP
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: RCCHEK
PURPOSE: CHECK IF A RELATION CLASS EXISTS FOR A GIVEN MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RCCHEK
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CHECKS IF A RELATION CLASS
EXISTS FOR A GIVEN MODEL

   EXTRACT THE ENTITY CLASS AND RELATION
                     CLASS LABELS THEN VERIFY THAT THE
                     RELATION EXISTS FOR THE GIVEN MODEL
                     NUMBER.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
OLD-ID   DSPLY[X(30)]
OBJ-ID-2   DSPLY[X(30)]
OBJ-ID-3   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFNXT
VERENT
VERCR
VERLR

DOCGROUP PS41100 Module Documentation

NAME: RCCHEK1
PURPOSE: CHECK IF A RELATION CLASS EXISTS FOR A GIVEN MODEL
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RCCHEK1
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CHECKS IF A RELATION CLASS
EXISTS FOR A GIVEN MODEL

   EXTRACT THE ENTITY CLASS AND RELATION
                  CLASS LABELS THEN VERIFY THAT THE
                  RELATION EXISTS FOR THE GIVEN MODEL
                  NUMBER.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
NEW-ID   DSPLY[X(30)]
OBJ-ID-2   DSPLY[X(30)]
OBJ-ID-3   DSPLY[X(30)]
RC-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

VERENT
VERCR
VERLR

DOCGROUP PS41100 Module Documentation

NAME: RECKW2
PURPOSE: COMPARES ENTITY CLASS KEYWORDS BETWEEN MODELS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RECKW2
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE DOES A SEQUENTIAL SEARCH COMPARING ENTITY CLASS
KEYWORDS OF TWO MODELS TO FIND A MATCH.   IF A MATCH IS FOUND,
THIS IS REPORTED TO THE USER.

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]
KW-TABLE   RECRD

INCLUDE FILES:

SRVRET
KWDTBL
ERRPRO

ROUTINES CALLED:

RETRECP
ADDPARM
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: RECSEMS
PURPOSE: SEMANTICS CHECKS FOR RECORD VARIABLES BEFORE
        INSERTION TO CDM.
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RECSEMS
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE PROVIDES THE SEMANTICS CHECKS FOR LEVELS,
INDEXING, KEYS, ETC. IF NO ERRORS OCCUR, A ZERO STATUS
WILL BE RETURNED TO DEFFLD INDICATING THE RECORD CAN
BE INSERTED INTO THE CDM.
VERIFIES ALL INFORMATION IN DFTBL
BY CHECKING LEVELS, KEYS,
SUB-COMPONENTS, INDEXING, REDEFINES, ETC.

ARGUMENTS:

DBMS-NAME   DSPLY[X(30)]
DFT-TABLE   RECRD
LEVEL-STACK   RECRD
NDDL-STATUS   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS
ERRCDM
UNIQENO
TDFTBL
DFTBL
ERRPRO

ROUTINES CALLED:

UERROR
VERDTYP
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: RELKW
PURPOSE: CHECKS RC KW BETWEEN MODELS
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RELKW
SOURCE FILE TYPE: PRC
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

THIS ROUTINE CONTROLS THE PROCESSING LOGIC TO POPULATE A
KEYWORD TABLE WITH RELATION CLASS KEYWORDS OF ONE MODEL,
THEN SEARCHES THIS TABLE FOR MATCHES FROM THE SECOND MODEL.

ARGUMENTS:

MOD-NO1   DSPLY[S9(9)]
MOD-NO2   DSPLY[S9(9)]
MOD-NAME1   DSPLY[X(30)]
MOD-NAME2   DSPLY[X(30)]

INCLUDE FILES:

SRVRET
KWDTBL
ERRPRO

ROUTINES CALLED:

RETRCKW
RRCKW2
ERRPRO

DOCGROUP PS41100 Module Documentation

NAME: REMVIEW
PURPOSE: POPULATE VIEW DEFINITION AND ES-CS-MAPPING
LANGUAGE: VAX-11 COBOL
SOURCE FILE: REMVIEW
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

   REMVIEW CONTROLS THE LOGIC FOR VERIFYING THE
RELATION STRUCTURE IN THE CREATE VIEW COMMAND,
AND POPULATING THE VIEW DEFINITION AND ES TO CS
MAPPING.

ARGUMENTS:

VIEW-NO   DSPLY[S9(9)]
VIEW-FROM-LIST   RECRD
VIEW-DATA-ITEM-LIST   RECRD
VIEW-RETRIEVE-LIST   RECRD
CS-QUAL-CRITERIA-LIST   RECRD
BOOLEAN-LIST   RECRD
RET-STATUS   DSPLY[X(5)]

INCLUDE FILES:

ERRCDM
VWFROM
VWDI
VWRETR
CSQCLST
BOOLST

ROUTINES CALLED:

STRQCRF
P1FROM
VALVWRC
PNOFROM
UERROR

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DOCGROUP PS41100 Module Documentation

NAME: RENMOBJ
PURPOSE: UPDATE EXISTING OBJECT NAME WITH NEW OBJECT NAME
LANGUAGE: VAX-11 COBOL
SOURCE FILE: RENMOBJ
SOURCE FILE TYPE: COB
HOST:
SUBSYSTEM: CDM
SUBDIRECTORY: NDDL

DESCRIPTION:

 THE OBJECT NAME MAY BE ENTITY, ATTRIBUTE,
RELATION, KEYWORD, MODEL, DOMAIN, VIEW, HOST,
SET, RECORD, FIELD, DATATYPE, DATABASE, OR
DATAITEM. VERIFY THAT THE OLD IDENTIFIER TO
BE RENAMED EXISTS AND ALSO THE NEW NAME DOES
NOT EXIST. NOW UPDATE THE OBJECT NAME.
MODIFIED TO CORRECT RELATION SYNTAX 8/30/88

ARGUMENTS:

MODEL-NO   DSPLY[S9(9)]

INCLUDE FILES:

LISTNOS

ROUTINES CALLED:

CPFONE
LOWUPP
VERENT
VERATT
VERKW
VERMOD
VERDOM
VERVIEW
VERHST
CPFNXT
VERDIID
VERSTID
VERRTID
VERDFID
VERDB
VERDTN
RCCHEK
UERROR
RCCHEK1
UPDECNM
UPDACNM
UPDRCNM
UPDTKW
UPDMNAM
UPDTDOM
UPDVIEW